

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071125\
 Data File : BF143079.D
 Acq On : 11 Jul 2025 16:51
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071125

Quant Time: Jul 11 17:59:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 11 17:57:40 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	144550	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	561709	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	282322	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	409771	20.000	ng	0.00
76) Chrysene-d12	14.127	240	216471	20.000	ng	0.00
86) Perylene-d12	15.633	264	272108	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	714714	78.550	ng	0.00
7) Phenol-d6	6.587	99	906879	78.773	ng	0.00
23) Nitrobenzene-d5	7.528	82	728948	92.736	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	192063	91.913	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1368951	76.214	ng	0.00
79) Terphenyl-d14	13.074	244	981259	78.312	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.799	88	164490	38.464	ng	99
3) Pyridine	3.575	79	404252	38.536	ng	98
4) n-Nitrosodimethylamine	3.516	42	228810	39.312	ng	99
6) Aniline	6.628	93	444291	38.747	ng	100
8) 2-Chlorophenol	6.751	128	368296	40.152	ng	99
9) Benzaldehyde	6.516	77	278099	40.361	ng	100
10) Phenol	6.598	94	493362	41.463	ng	100
11) bis(2-Chloroethyl)ether	6.698	93	359810	38.393	ng	100
12) 1,3-Dichlorobenzene	6.910	146	398109	38.497	ng	99
13) 1,4-Dichlorobenzene	6.987	146	398537	38.476	ng	100
14) 1,2-Dichlorobenzene	7.139	146	372689	38.655	ng	100
15) Benzyl Alcohol	7.098	79	347673	40.416	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.239	45	643303	37.673	ng	99
17) 2-Methylphenol	7.210	107	293487	38.719	ng	99
18) Hexachloroethane	7.487	117	139682	41.913	ng	99
19) n-Nitroso-di-n-propyla...	7.375	70	272869	38.512	ng	99
20) 3+4-Methylphenols	7.363	107	376462	40.207	ng	97
22) Acetophenone	7.375	105	504977	38.485	ng	# 94
24) Nitrobenzene	7.545	77	388924	47.468	ng	99
25) Isophorone	7.781	82	664598	38.943	ng	99
26) 2-Nitrophenol	7.863	139	154828	48.844	ng	98
27) 2,4-Dimethylphenol	7.892	122	253539	40.987	ng	99
28) bis(2-Chloroethoxy)met...	7.992	93	431561	38.449	ng	99
29) 2,4-Dichlorophenol	8.098	162	303280	41.697	ng	99
30) 1,2,4-Trichlorobenzene	8.192	180	326510	39.134	ng	100
31) Naphthalene	8.275	128	1077710	38.821	ng	100
32) Benzoic acid	7.992	122	173876	47.075	ng	99
33) 4-Chloroaniline	8.310	127	366627	39.091	ng	100
34) Hexachlorobutadiene	8.392	225	192667	39.353	ng	99
35) Caprolactam	8.675	113	87703	43.008	ng	95
36) 4-Chloro-3-methylphenol	8.781	107	320092	40.922	ng	99
37) 2-Methylnaphthalene	8.963	142	696361	38.383	ng	100
38) 1-Methylnaphthalene	9.063	142	672095	38.493	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	319029	38.580	ng	98
41) Hexachlorocyclopentadiene	9.122	237	88414	42.857	ng	100
43) 2,4,6-Trichlorophenol	9.233	196	200729	43.435	ng	98

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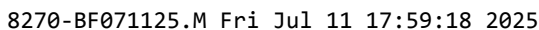
Instrument :
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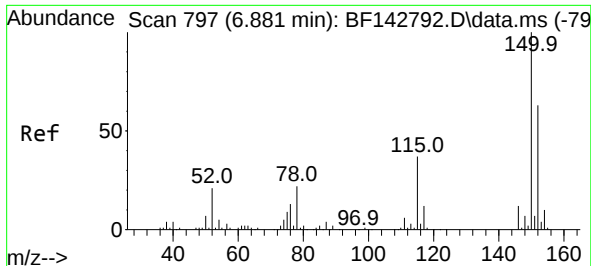
Quant Time: Jul 11 17:59:06 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	206665	42.900	ng	99
46) 1,1'-Biphenyl	9.428	154	850417	38.360	ng	99
47) 2-Chloronaphthalene	9.451	162	616836	38.419	ng	100
48) 2-Nitroaniline	9.533	65	173315	44.433	ng	98
49) Acenaphthylene	9.869	152	917859	38.941	ng	100
50) Dimethylphthalate	9.722	163	700694	39.938	ng	100
51) 2,6-Dinitrotoluene	9.775	165	139364	45.189	ng	97
52) Acenaphthene	10.039	154	614429	38.703	ng	100
53) 3-Nitroaniline	9.945	138	145340	43.861	ng #	98
54) 2,4-Dinitrophenol	10.045	184	36073	50.385	ng #	10
55) Dibenzofuran	10.210	168	890129	38.392	ng	99
56) 4-Nitrophenol	10.086	139	107280	44.320	ng	97
57) 2,4-Dinitrotoluene	10.180	165	155436	45.928	ng	98
58) Fluorene	10.551	166	641886	37.821	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	169778	43.740	ng	98
60) Diethylphthalate	10.422	149	652213	40.400	ng	100
61) 4-Chlorophenyl-phenyle...	10.545	204	328162	38.902	ng	100
62) 4-Nitroaniline	10.557	138	115122	42.943	ng	100
63) Azobenzene	10.704	77	717408	39.036	ng	99
65) 4,6-Dinitro-2-methylph...	10.586	198	57503	48.294	ng	99
66) n-Nitrosodiphenylamine	10.657	169	554007	39.346	ng	99
67) 4-Bromophenyl-phenylether	11.033	248	190818	40.064	ng	99
68) Hexachlorobenzene	11.104	284	192614	40.189	ng	98
69) Atrazine	11.180	200	116519	38.861	ng	98
70) Pentachlorophenol	11.292	266	120350	44.755	ng	98
71) Phenanthrene	11.516	178	867797	38.644	ng	100
72) Anthracene	11.569	178	850456	38.858	ng	100
73) Carbazole	11.716	167	699924	38.694	ng	100
74) Di-n-butylphthalate	12.051	149	780203	43.485	ng	100
75) Fluoranthene	12.704	202	746057	38.626	ng	99
77) Benzidine	12.816	184	176334	41.044	ng	99
78) Pyrene	12.933	202	732950	38.756	ng	100
80) Butylbenzylphthalate	13.545	149	155660	42.361	ng	99
81) Benzo(a)anthracene	14.116	228	541608	39.111	ng	100
82) 3,3'-Dichlorobenzidine	14.074	252	163016	42.726	ng	100
83) Chrysene	14.151	228	524931	40.423	ng	99
84) Bis(2-ethylhexyl)phtha...	14.110	149	254751	46.512	ng	100
85) Di-n-octyl phthalate	14.727	149	482236	41.856	ng	99
87) Indeno(1,2,3-cd)pyrene	17.174	276	747567	39.976	ng	99
88) Benzo(b)fluoranthene	15.186	252	632256	39.489	ng	100
89) Benzo(k)fluoranthene	15.221	252	558763	39.516	ng	99
90) Benzo(a)pyrene	15.568	252	553163	40.434	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	613157	40.155	ng	100
92) Benzo(g,h,i)perylene	17.639	276	627321	39.055	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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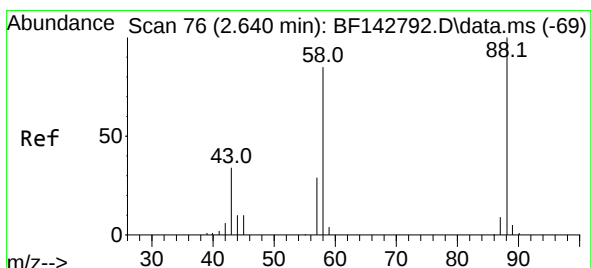
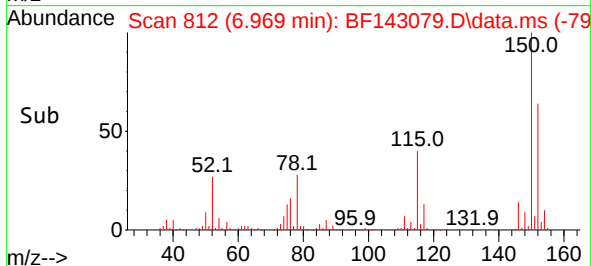
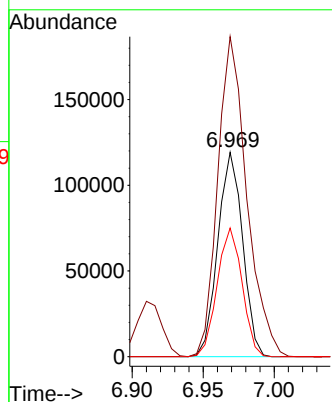
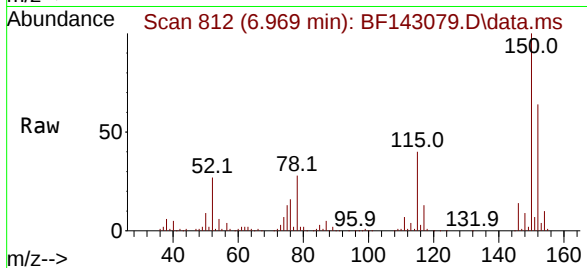




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.969 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF143079.D
 Acq: 11 Jul 2025 16:51

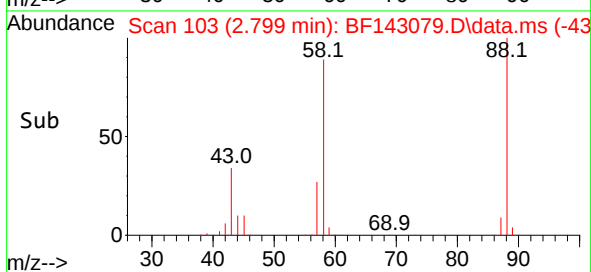
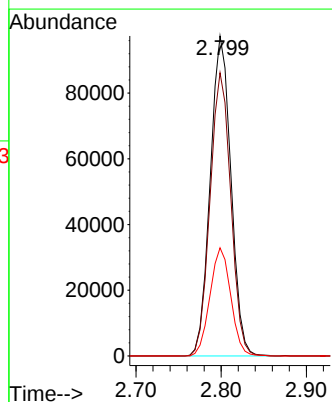
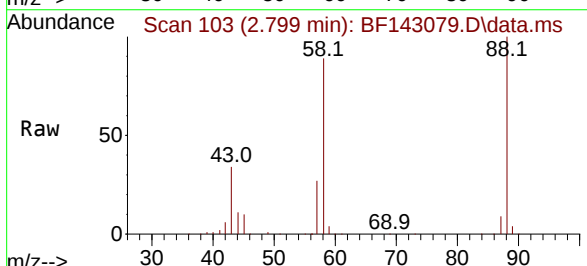
Instrument :
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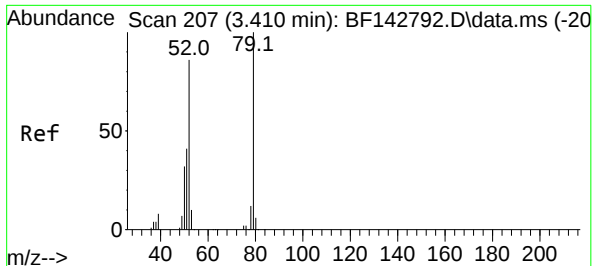
Tgt Ion:152 Resp: 144550
 Ion Ratio Lower Upper
 152 100
 150 156.6 126.6 190.0
 115 62.9 49.8 74.6



#2
 1,4-Dioxane
 Concen: 38.464 ng
 RT: 2.799 min Scan# 103
 Delta R.T. 0.000 min
 Lab File: BF143079.D
 Acq: 11 Jul 2025 16:51

Tgt Ion: 88 Resp: 164490
 Ion Ratio Lower Upper
 88 100
 58 88.5 71.5 107.3
 43 34.0 26.4 39.6





#3

Pyridine

Concen: 38.536 ng

RT: 3.575 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143079.D

Acq: 11 Jul 2025 16:51

Instrument :

BNA_F

ClientSampleId :

ICVBF071125

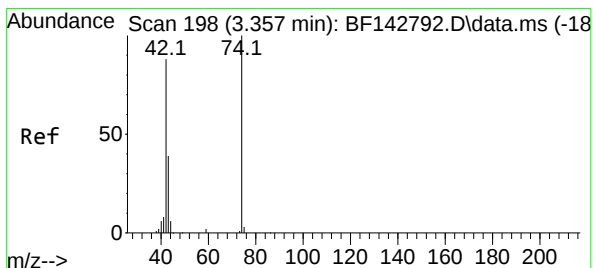
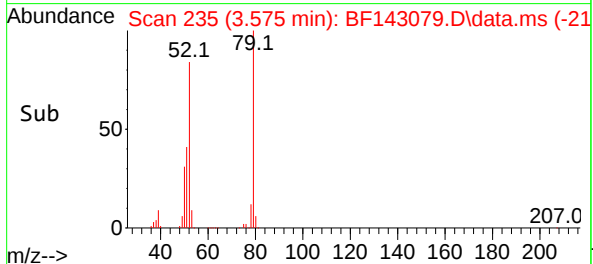
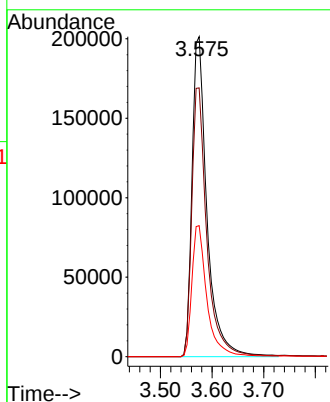
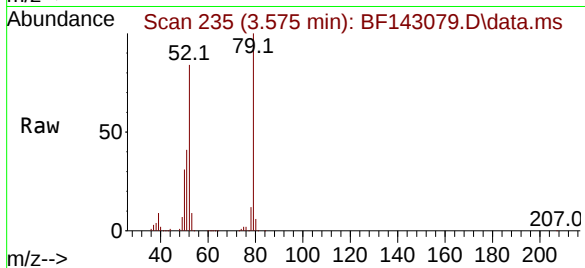
Tgt Ion: 79 Resp: 404252

Ion Ratio Lower Upper

79 100

52 84.0 69.3 103.9

51 40.9 33.4 50.0



#4

n-Nitrosodimethylamine

Concen: 39.312 ng

RT: 3.516 min Scan# 225

Delta R.T. 0.000 min

Lab File: BF143079.D

Acq: 11 Jul 2025 16:51

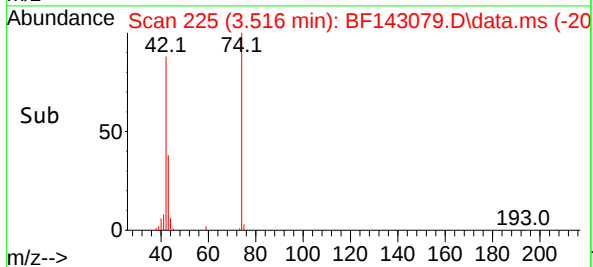
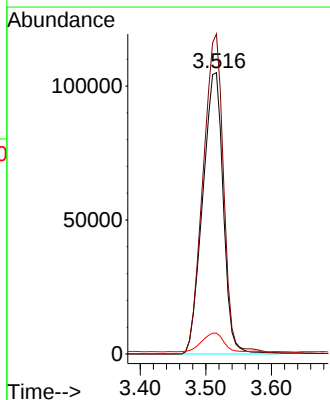
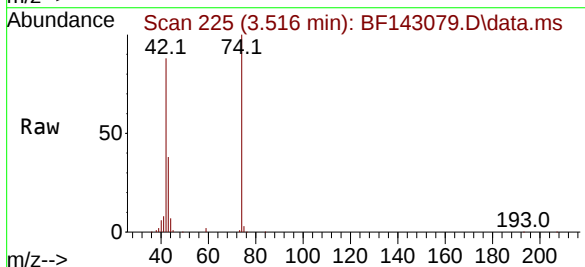
Tgt Ion: 42 Resp: 228810

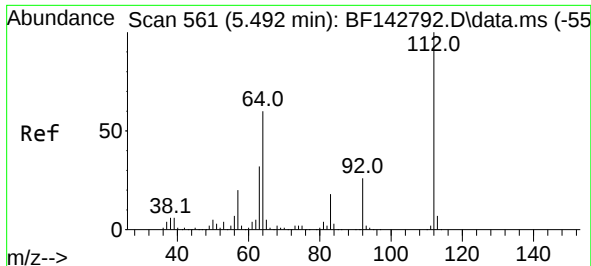
Ion Ratio Lower Upper

42 100

74 113.8 92.2 138.2

44 7.4 6.3 9.5

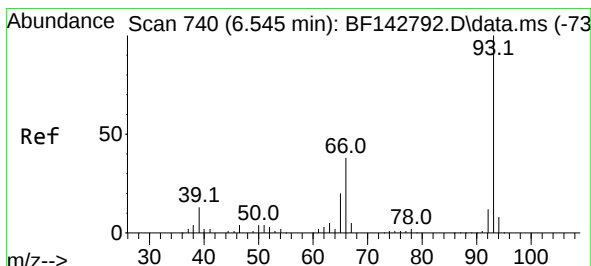
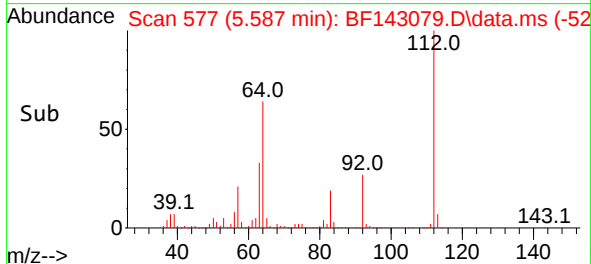
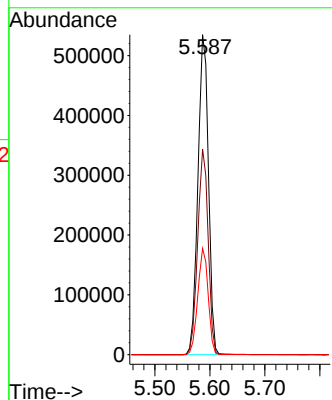
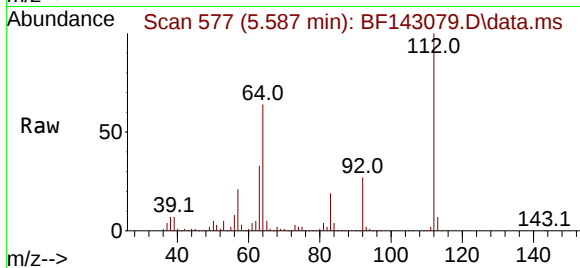




#5
2-Fluorophenol
Concen: 78.550 ng
RT: 5.587 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

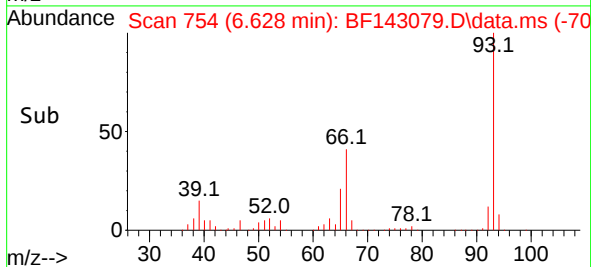
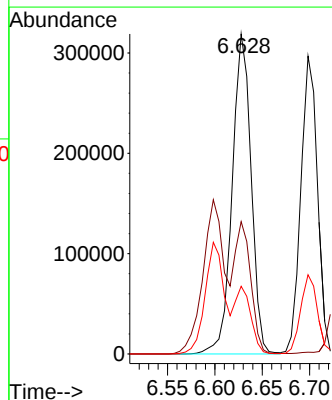
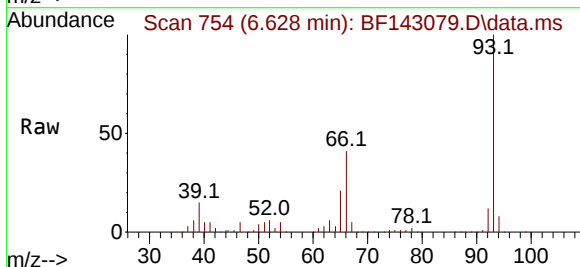
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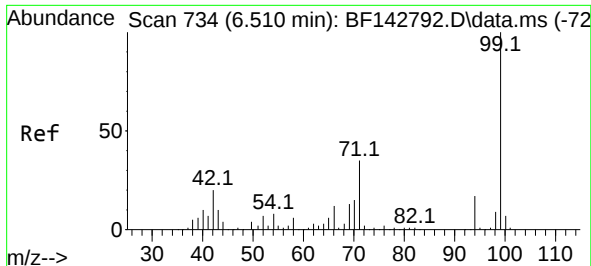
Tgt Ion:112 Resp: 714714
Ion Ratio Lower Upper
112 100
64 64.3 52.2 78.4
63 33.2 26.8 40.2



#6
Aniline
Concen: 38.747 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

Tgt Ion: 93 Resp: 444291
Ion Ratio Lower Upper
93 100
66 41.3 33.0 49.6
65 21.1 16.8 25.2

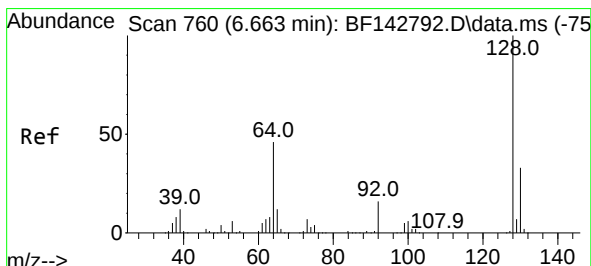
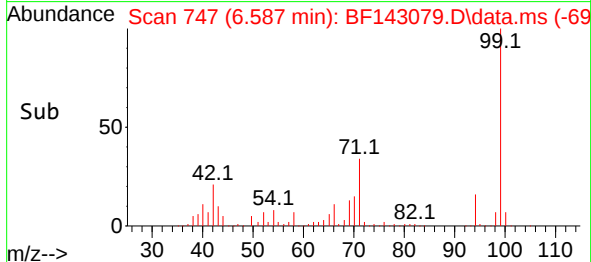
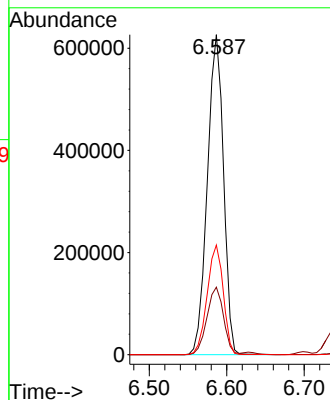
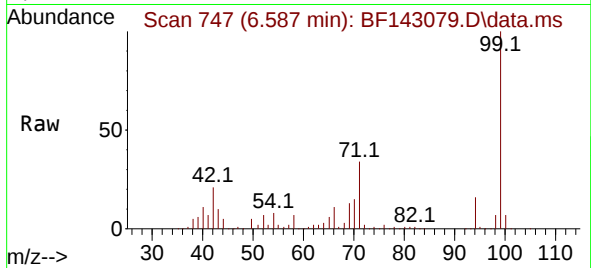




#7
Phenol-d6
Concen: 78.773 ng
RT: 6.587 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

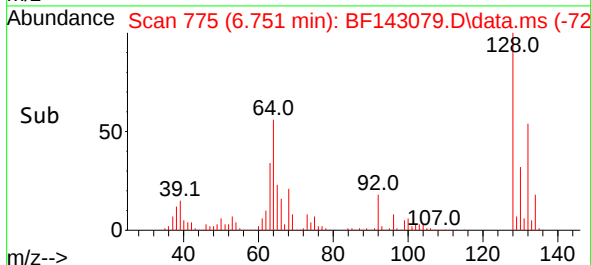
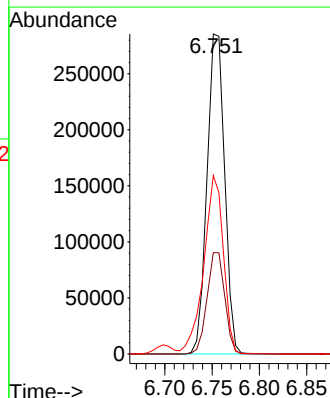
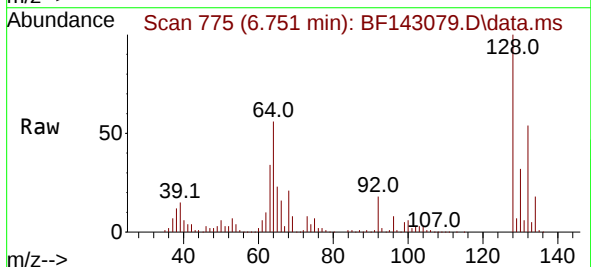
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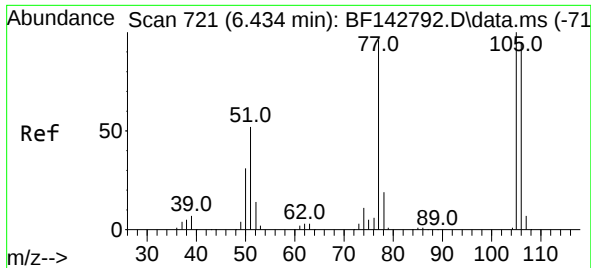
Tgt Ion: 99 Resp: 906879
Ion Ratio Lower Upper
99 100
42 21.1 17.2 25.8
71 34.3 27.7 41.5



#8
2-Chlorophenol
Concen: 40.152 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

Tgt Ion:128 Resp: 368296
Ion Ratio Lower Upper
128 100
130 31.7 12.2 52.2
64 55.7 36.5 76.5

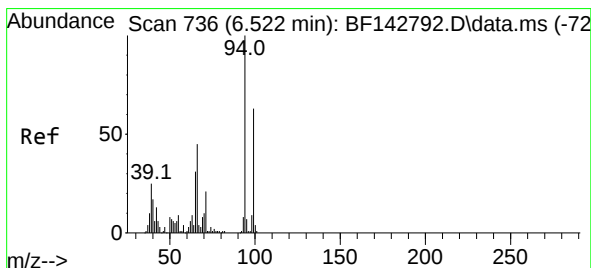
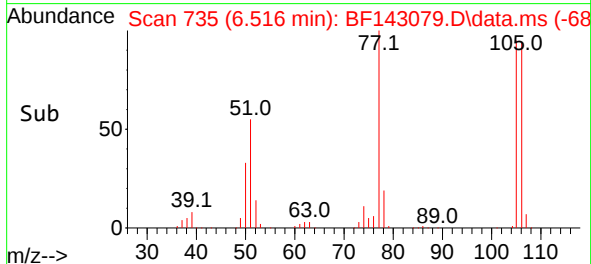
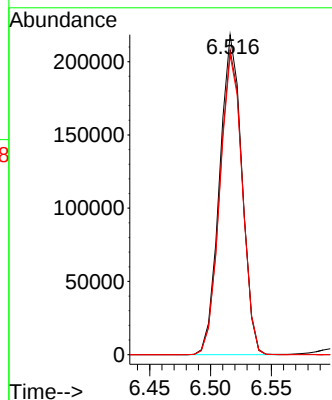
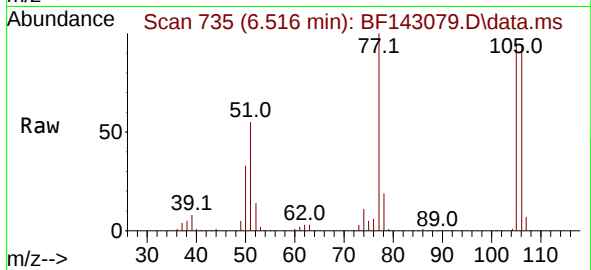




#9
Benzaldehyde
Concen: 40.361 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

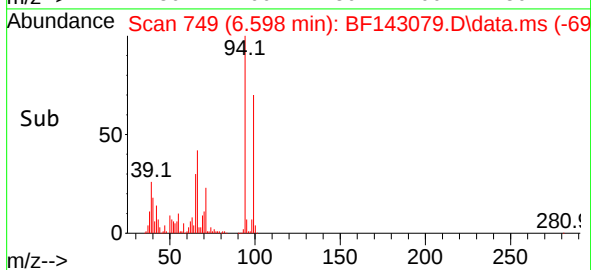
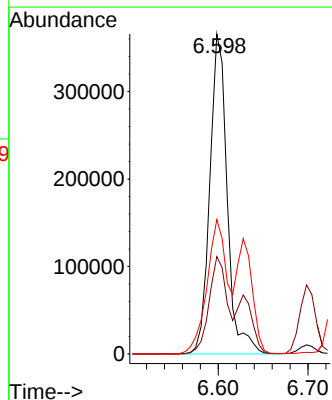
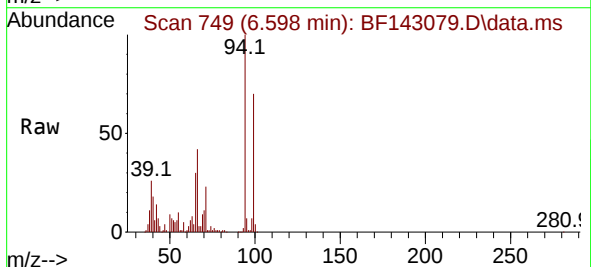
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ClientSampleId :
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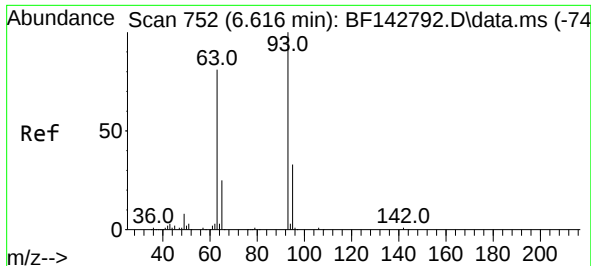
Tgt Ion: 77 Resp: 278099
Ion Ratio Lower Upper
77 100
105 95.3 75.1 115.1
106 93.6 73.0 113.0



#10
Phenol
Concen: 41.463 ng
RT: 6.598 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

Tgt Ion: 94 Resp: 493362
Ion Ratio Lower Upper
94 100
65 30.4 10.6 50.6
66 42.0 21.9 61.9





#11

bis(2-Chloroethyl)ether

Concen: 38.393 ng

RT: 6.698 min Scan# 7

Delta R.T. 0.000 min

Lab File: BF143079.D

Acq: 11 Jul 2025 16:51

Instrument :

BNA_F

ClientSampleId :

ICVBF071125

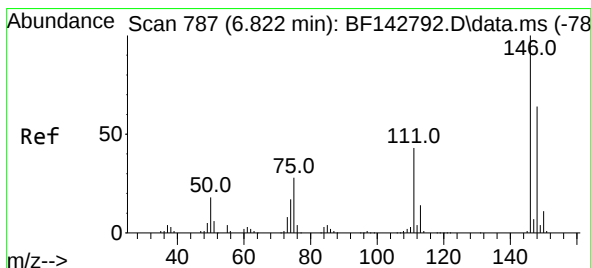
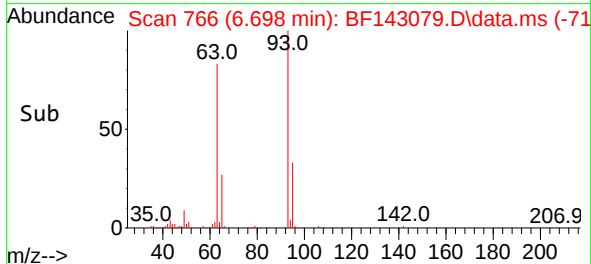
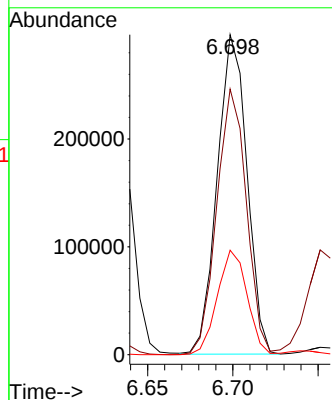
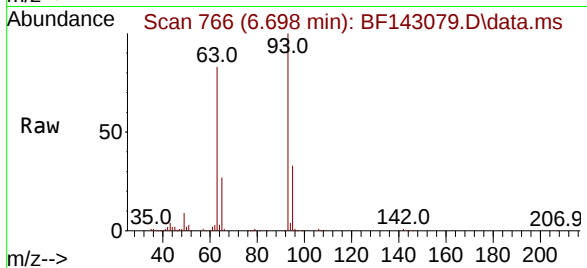
Tgt Ion: 93 Resp: 359810

Ion Ratio Lower Upper

93 100

63 83.0 63.3 103.3

95 32.6 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 38.497 ng

RT: 6.910 min Scan# 802

Delta R.T. 0.000 min

Lab File: BF143079.D

Acq: 11 Jul 2025 16:51

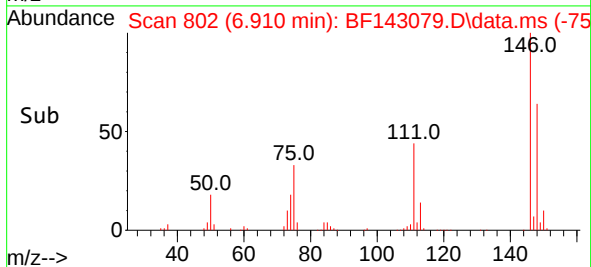
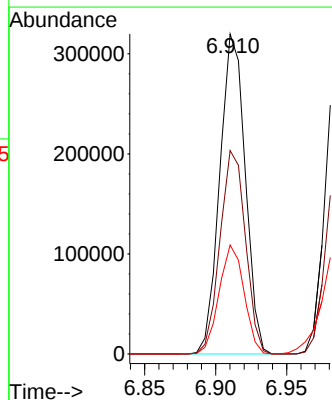
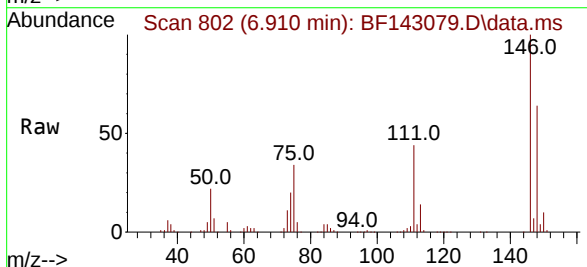
Tgt Ion:146 Resp: 398109

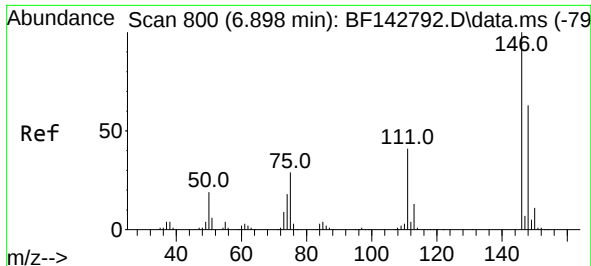
Ion Ratio Lower Upper

146 100

148 63.6 51.4 77.0

75 34.1 27.4 41.2

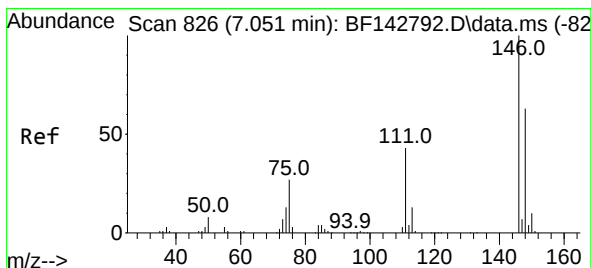
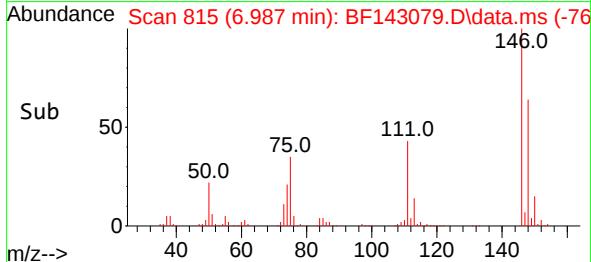
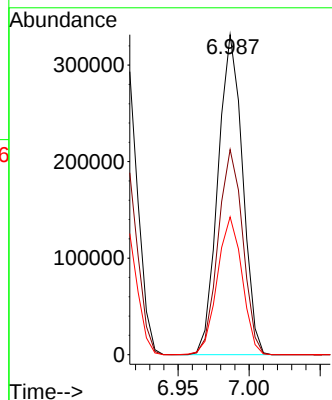
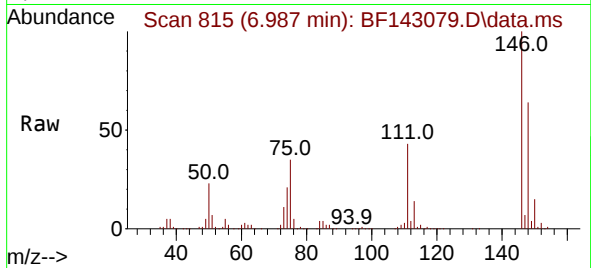




#13
1,4-Dichlorobenzene
Concen: 38.476 ng
RT: 6.987 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

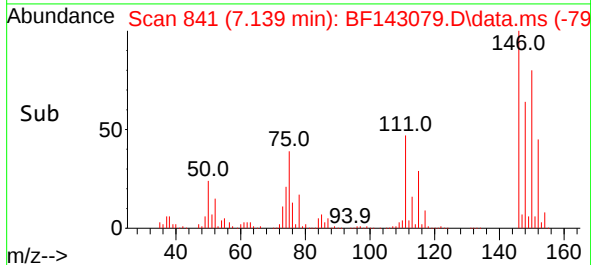
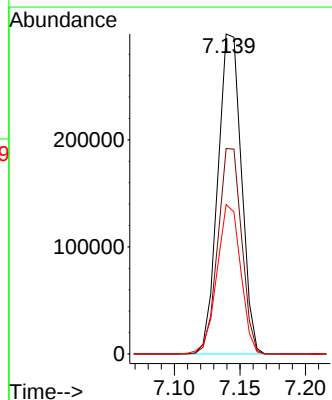
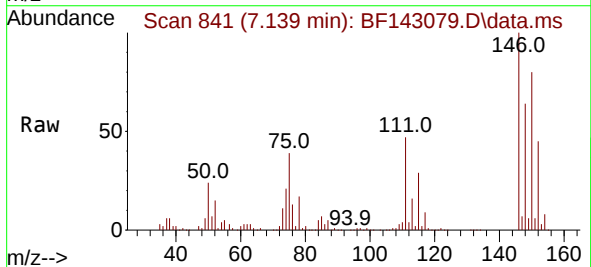
Instrument :
BNA_F
ClientSampleId :
ICVBF071125

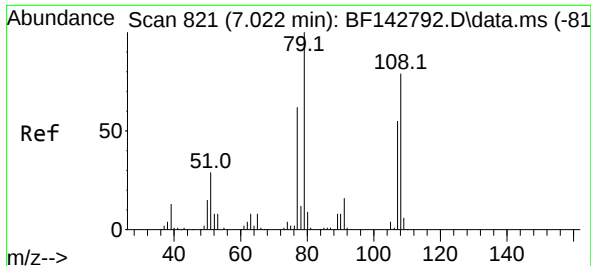
Tgt Ion:146 Resp: 398537
Ion Ratio Lower Upper
146 100
148 64.1 51.3 76.9
111 43.0 35.0 52.6



#14
1,2-Dichlorobenzene
Concen: 38.655 ng
RT: 7.139 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

Tgt Ion:146 Resp: 372689
Ion Ratio Lower Upper
146 100
148 64.2 51.5 77.3
111 46.7 37.0 55.4

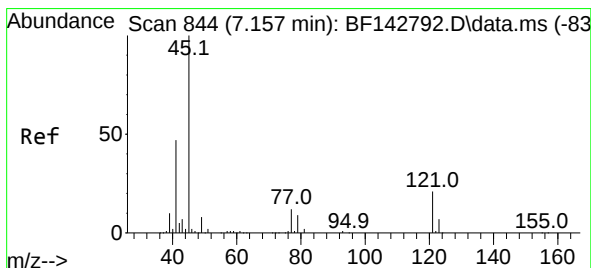
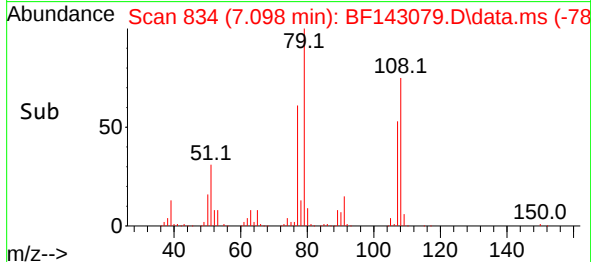
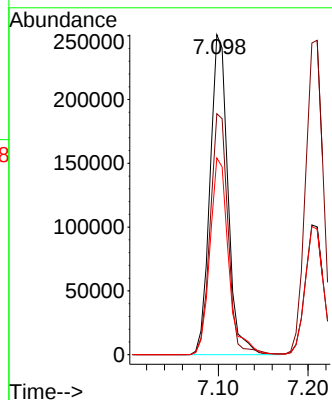
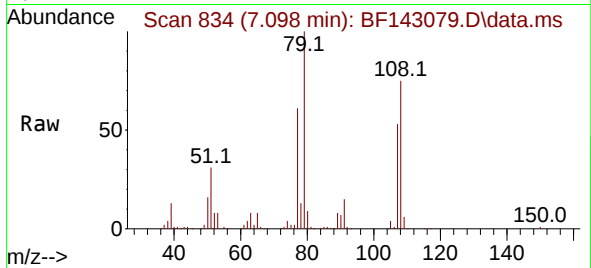




#15
Benzyl Alcohol
Concen: 40.416 ng
RT: 7.098 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

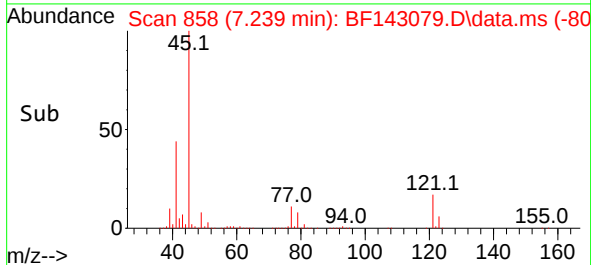
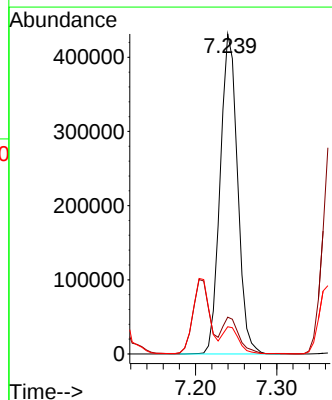
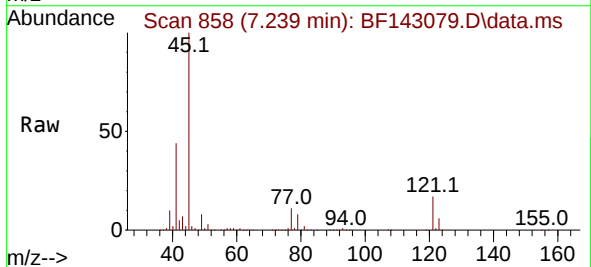
Instrument :
BNA_F
ClientSampleId :
ICVBF071125

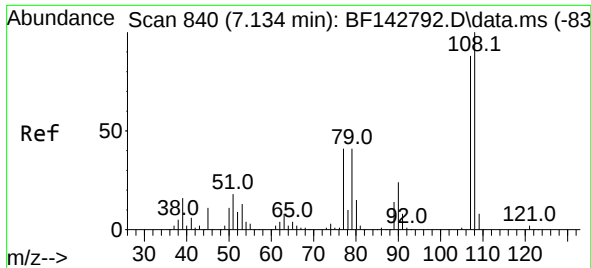
Tgt Ion: 79 Resp: 347673
Ion Ratio Lower Upper
79 100
108 75.3 60.2 90.2
77 61.5 49.7 74.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.673 ng
RT: 7.239 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

Tgt Ion: 45 Resp: 643303
Ion Ratio Lower Upper
45 100
77 11.5 0.0 31.3
79 8.5 0.0 28.3

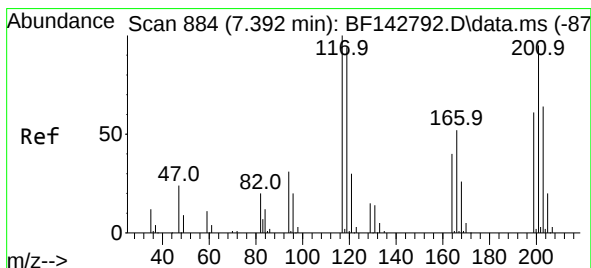
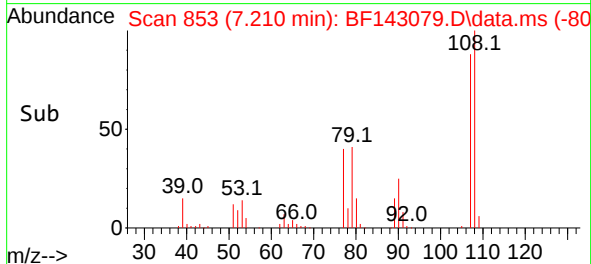
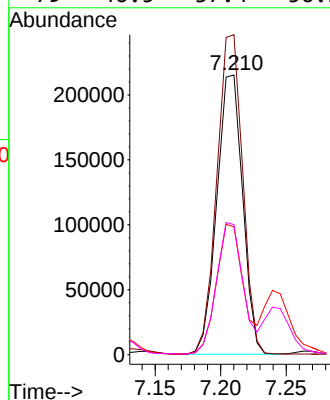
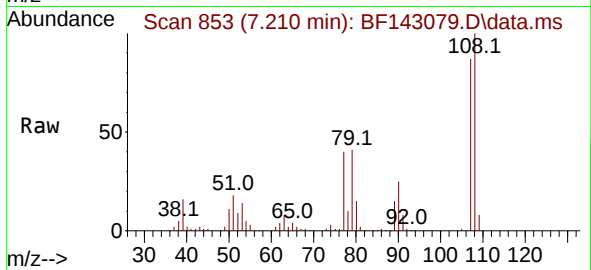




#17
2-Methylphenol
Concen: 38.719 ng
RT: 7.210 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

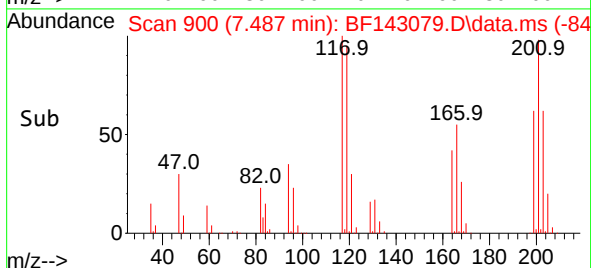
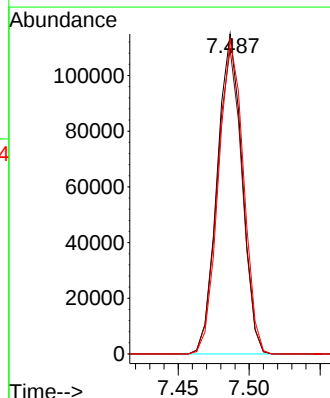
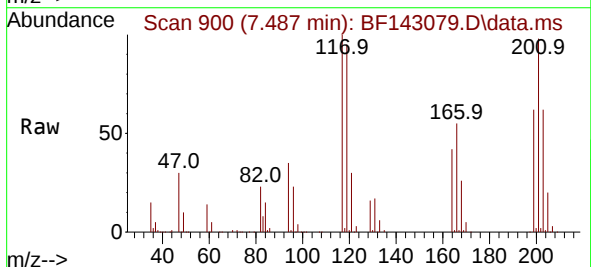
Instrument :
BNA_F
ClientSampleId :
ICVBF071125

Tgt Ion:	107	Resp:	293487
Ion	Ratio	Lower	Upper
107	100		
108	114.4	92.5	138.7
77	45.7	37.6	56.4
79	46.5	37.4	56.2



#18
Hexachloroethane
Concen: 41.913 ng
RT: 7.487 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

Tgt Ion:	117	Resp:	139682
Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.0	114.0
201	98.4	77.4	116.2



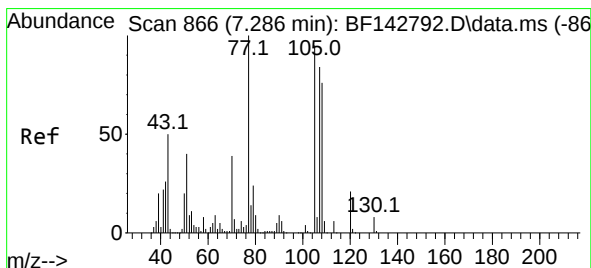
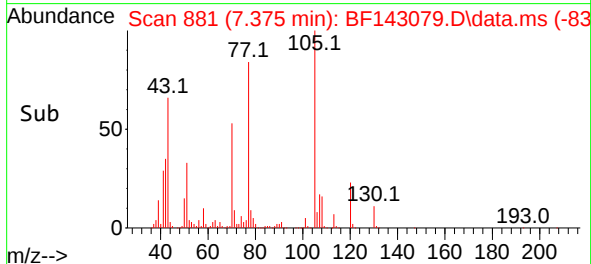
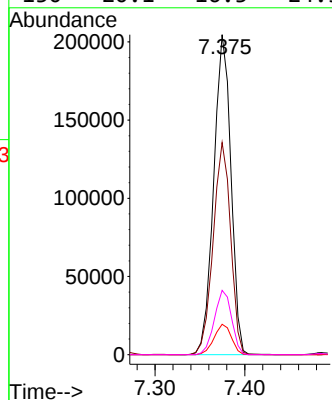
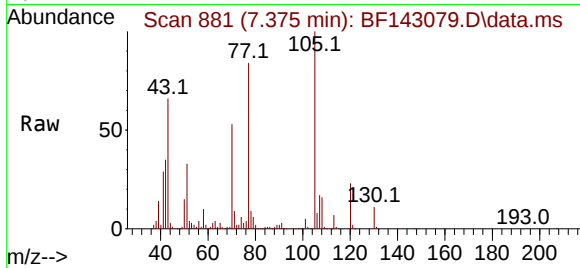


#19
n-Nitroso-di-n-propylamine
Concen: 38.512 ng
RT: 7.375 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

Instrument :
BNA_F
ClientSampleId :
ICVBF071125

Tgt Ion: 70 Resp: 272869

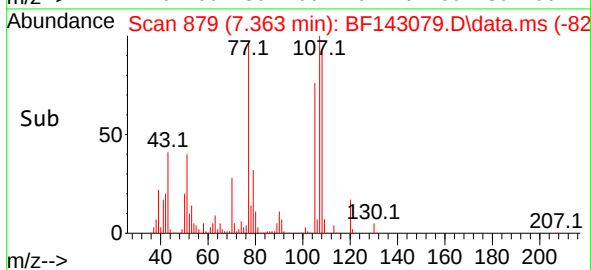
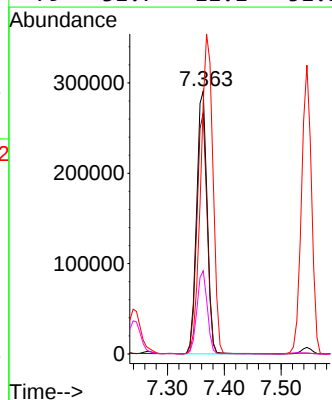
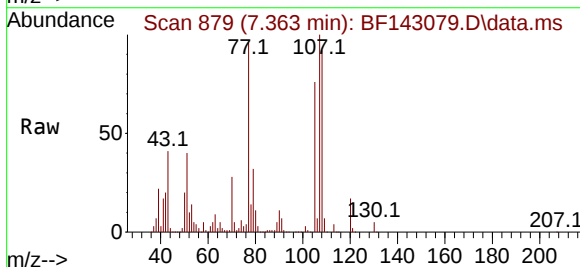
Ion	Ratio	Lower	Upper
70	100		
42	66.3	53.8	80.6
101	9.5	7.6	11.4
130	20.1	16.3	24.5

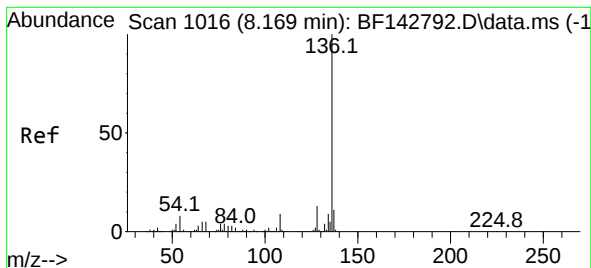


#20
3+4-Methylphenols
Concen: 40.207 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

Tgt Ion: 107 Resp: 376462

Ion	Ratio	Lower	Upper
107	100		
108	91.6	71.9	111.9
77	95.5	82.6	122.6
79	31.7	11.1	51.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.251 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF143079.D

Acq: 11 Jul 2025 16:51

Instrument :

BNA_F

ClientSampleId :

ICVBF071125

Tgt Ion:136 Resp: 561709

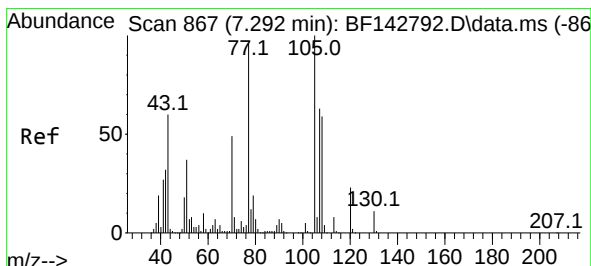
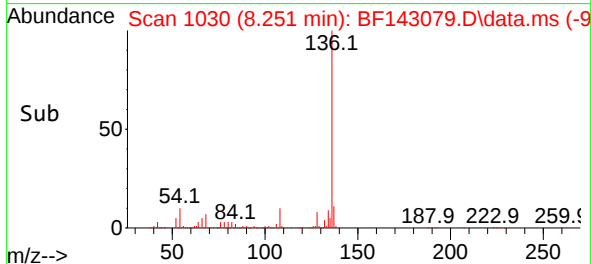
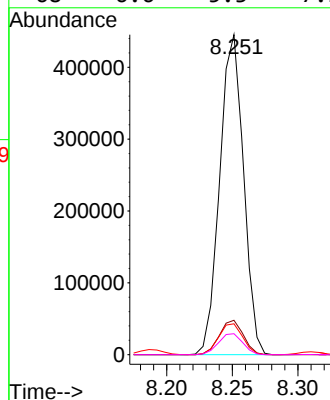
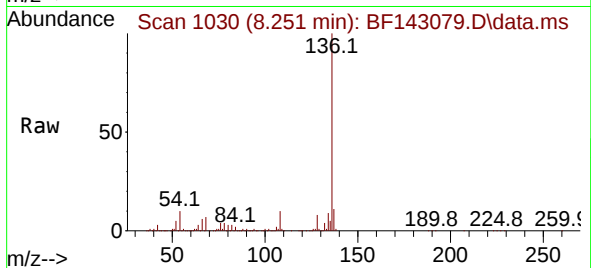
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 9.7 8.1 12.1

68 6.6 5.3 7.9



#22

Acetophenone

Concen: 38.485 ng

RT: 7.375 min Scan# 881

Delta R.T. 0.006 min

Lab File: BF143079.D

Acq: 11 Jul 2025 16:51

Tgt Ion:105 Resp: 504977

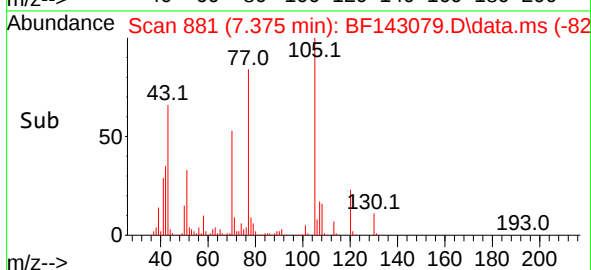
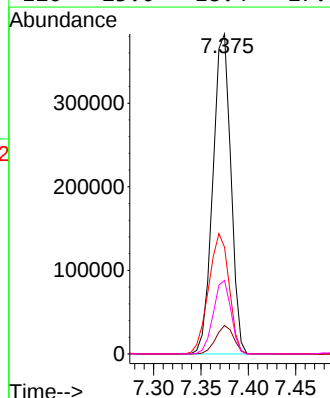
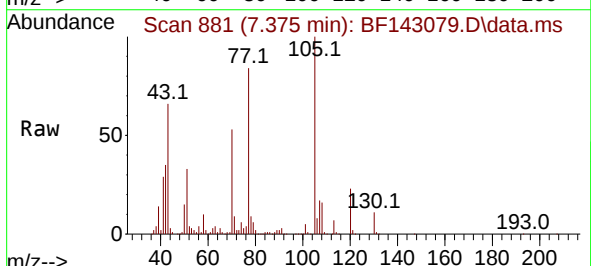
Ion Ratio Lower Upper

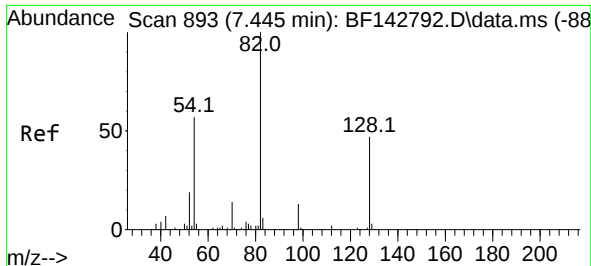
105 100

71 8.9 5.9 8.9#

51 33.3 31.3 46.9

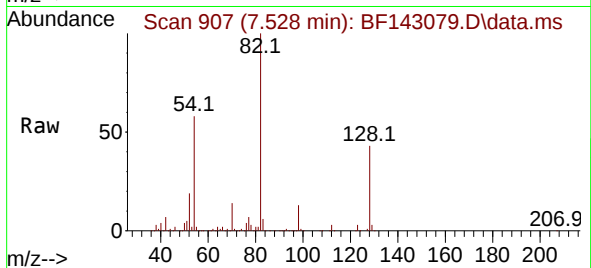
120 23.0 18.4 27.6



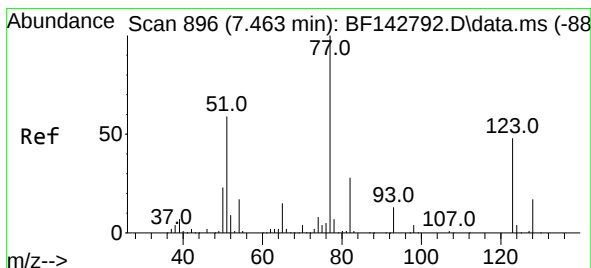
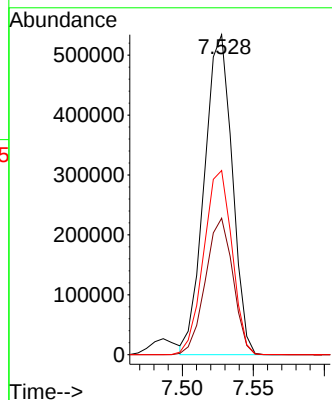
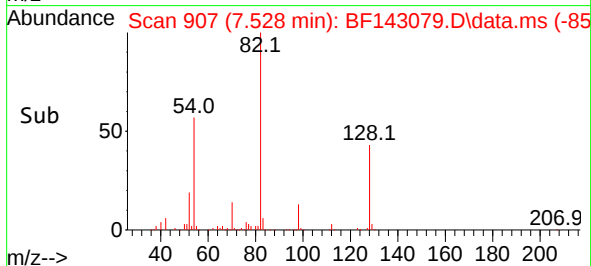


#23
Nitrobenzene-d5
Concen: 92.736 ng
RT: 7.528 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

Instrument :
BNA_F
ClientSampleId :
ICVBF071125

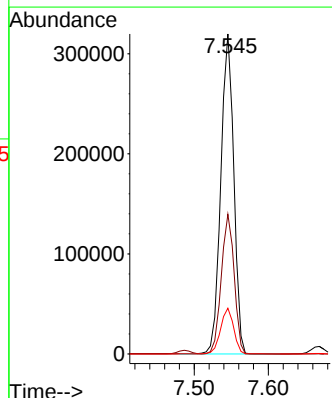
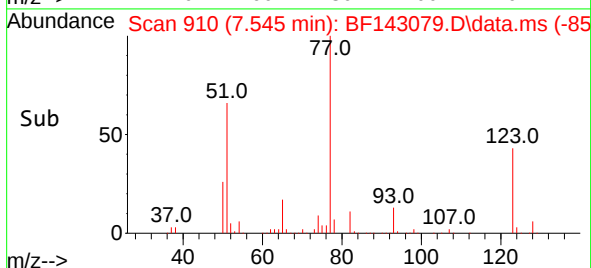
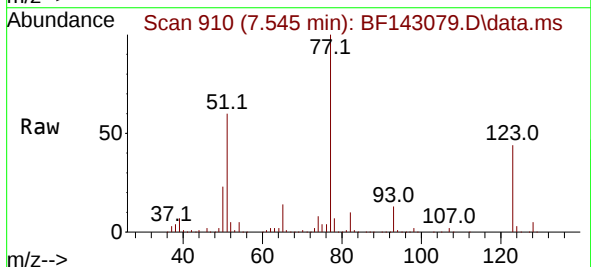


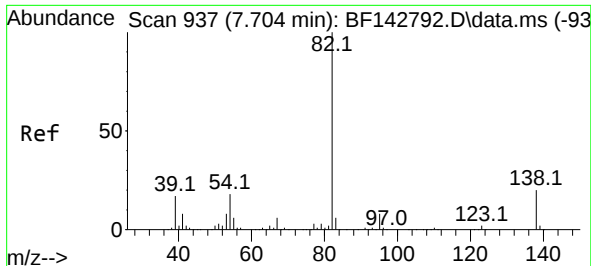
Tgt Ion: 82 Resp: 728948
Ion Ratio Lower Upper
82 100
128 42.7 33.3 49.9
54 57.6 47.0 70.4



#24
Nitrobenzene
Concen: 47.468 ng
RT: 7.545 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

Tgt Ion: 77 Resp: 388924
Ion Ratio Lower Upper
77 100
123 43.7 34.2 51.4
65 14.3 11.3 16.9

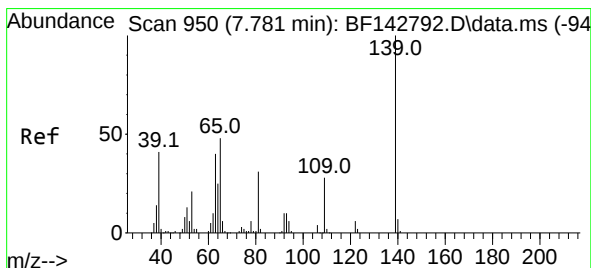
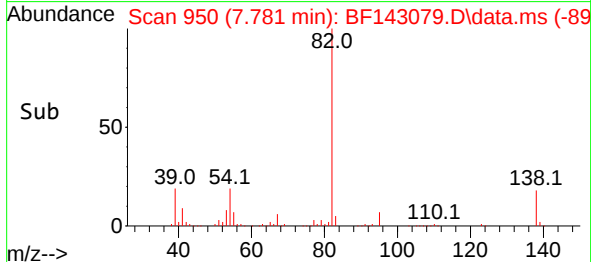
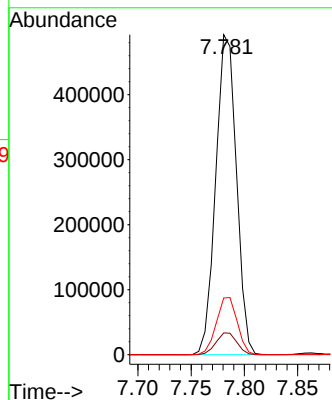
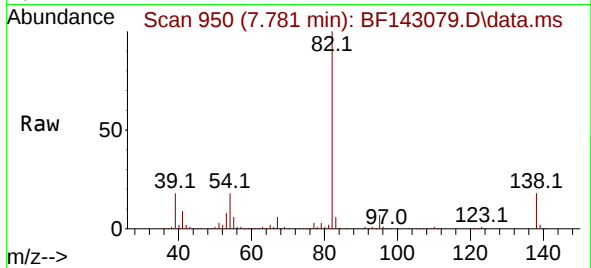




#25
Isophorone
Concen: 38.943 ng
RT: 7.781 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

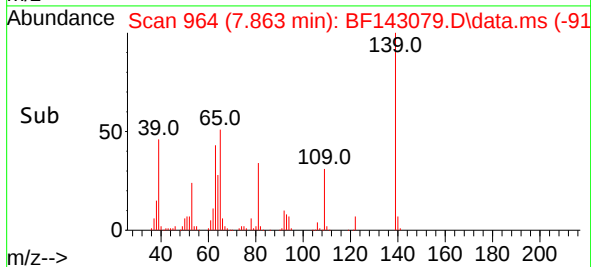
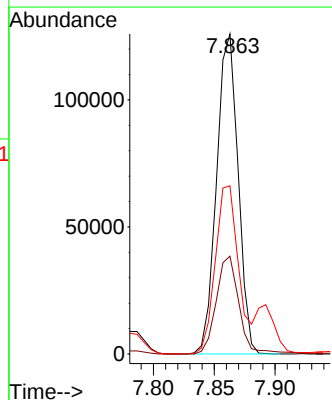
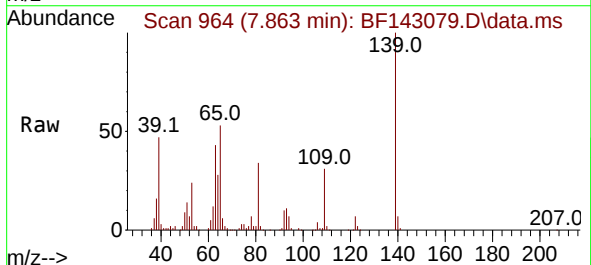
Instrument :
BNA_F
ClientSampleId :
ICVBF071125

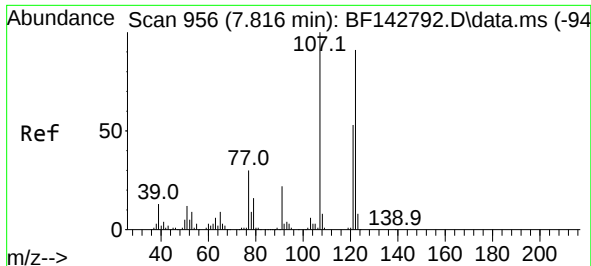
Tgt Ion: 82 Resp: 664598
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.7 13.8 20.8



#26
2-Nitrophenol
Concen: 48.844 ng
RT: 7.863 min Scan# 964
Delta R.T. -0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

Tgt Ion: 139 Resp: 154828
Ion Ratio Lower Upper
139 100
109 30.5 23.4 35.0
65 52.5 43.1 64.7





#27

2,4-Dimethylphenol

Concen: 40.987 ng

RT: 7.892 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF143079.D

Acq: 11 Jul 2025 16:51

Instrument :

BNA_F

ClientSampleId :

ICVBF071125

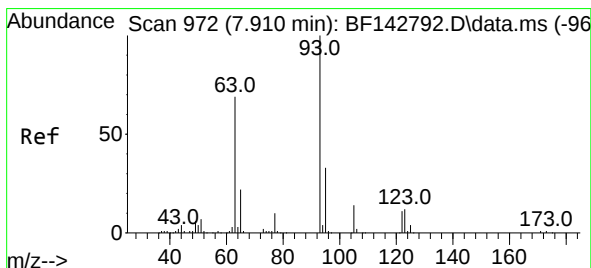
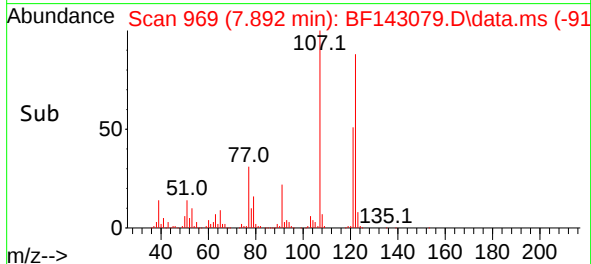
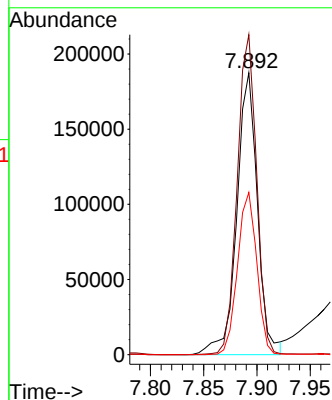
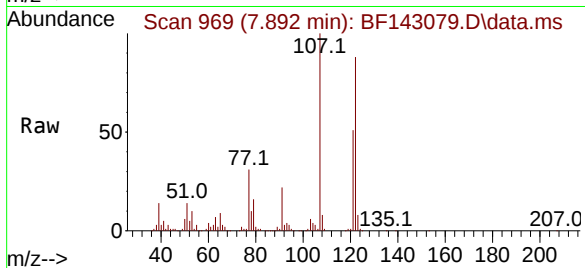
Tgt Ion:122 Resp: 253539

Ion Ratio Lower Upper

122 100

107 113.5 90.0 135.0

121 57.6 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 38.449 ng

RT: 7.992 min Scan# 986

Delta R.T. 0.000 min

Lab File: BF143079.D

Acq: 11 Jul 2025 16:51

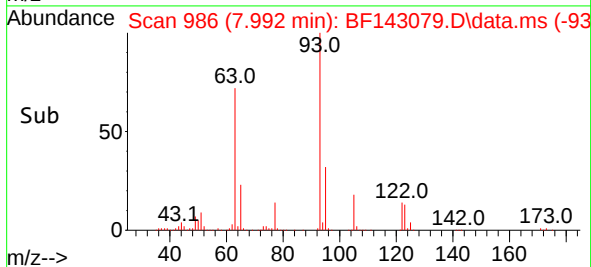
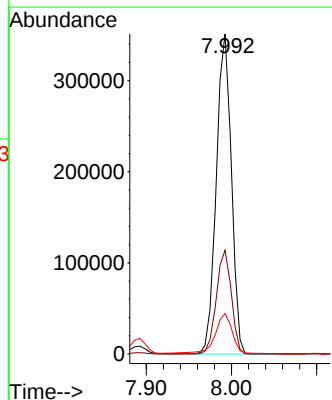
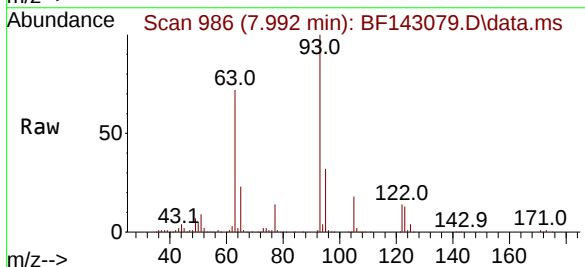
Tgt Ion: 93 Resp: 431561

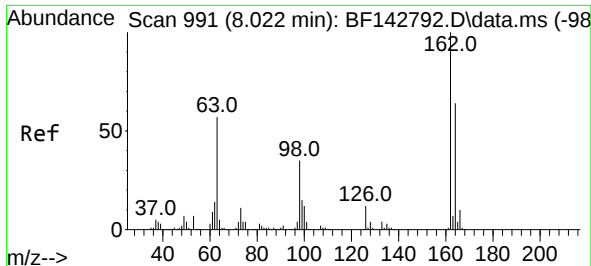
Ion Ratio Lower Upper

93 100

95 32.4 26.0 39.0

123 12.6 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 41.697 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF143079.D

Acq: 11 Jul 2025 16:51

Instrument :

BNA_F

ClientSampleId :

ICVBF071125

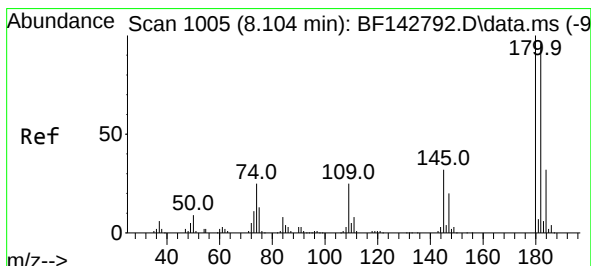
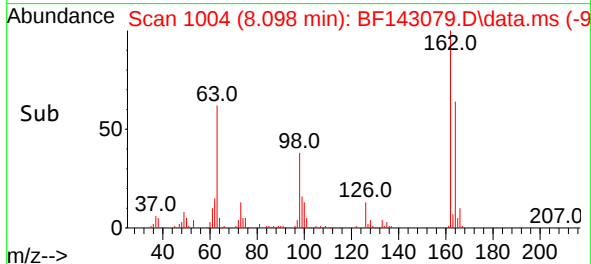
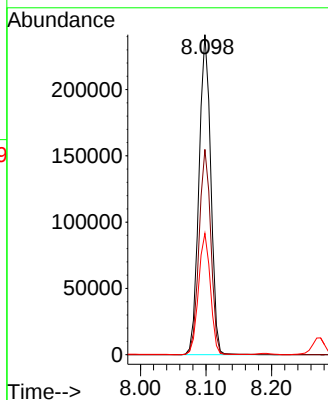
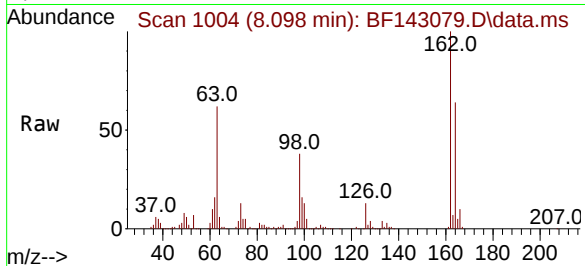
Tgt Ion:162 Resp: 303280

Ion Ratio Lower Upper

162 100

164 64.2 43.9 83.9

98 37.9 19.0 59.0



#30

1,2,4-Trichlorobenzene

Concen: 39.134 ng

RT: 8.192 min Scan# 1020

Delta R.T. 0.000 min

Lab File: BF143079.D

Acq: 11 Jul 2025 16:51

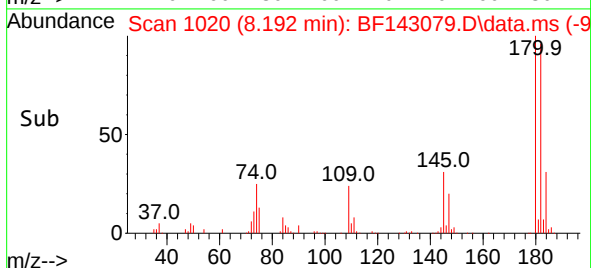
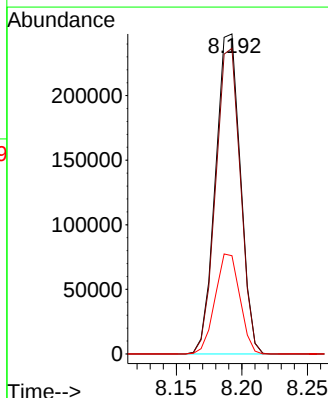
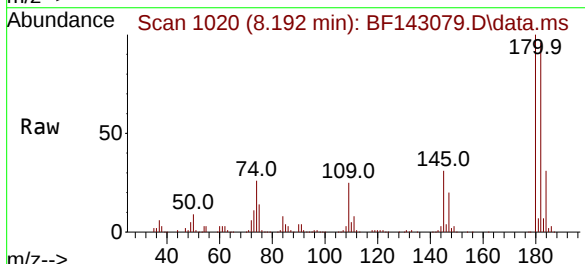
Tgt Ion:180 Resp: 326510

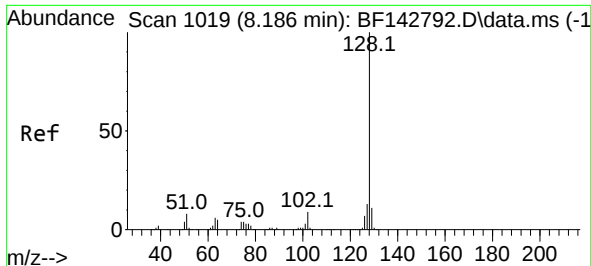
Ion Ratio Lower Upper

180 100

182 95.5 76.2 114.2

145 30.7 25.0 37.6

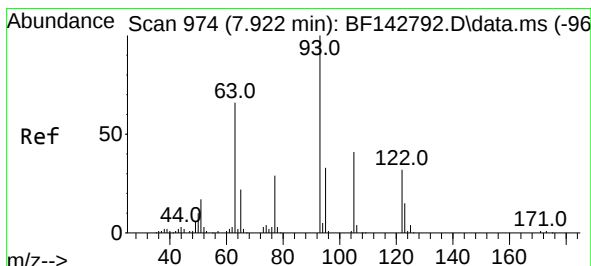
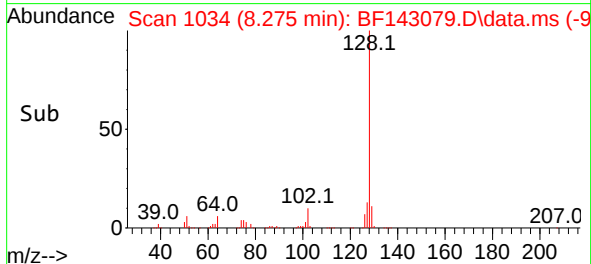
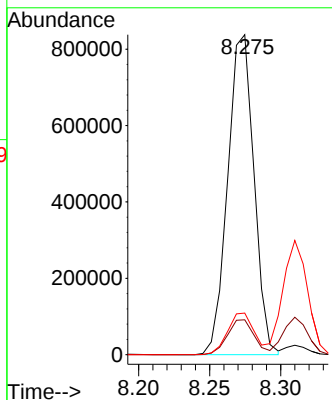
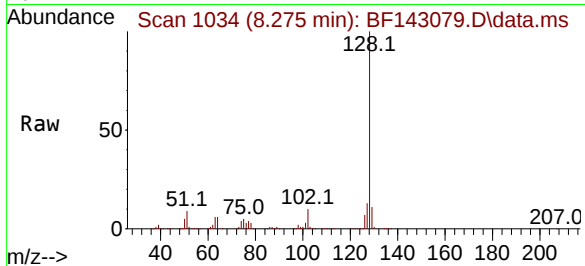




#31
Naphthalene
Concen: 38.821 ng
RT: 8.275 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

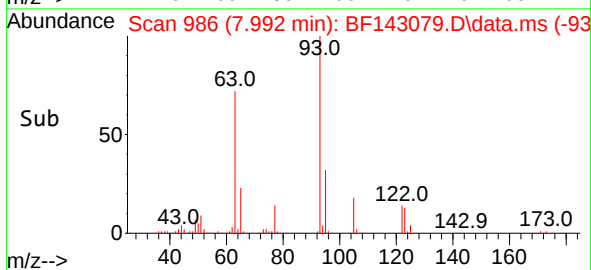
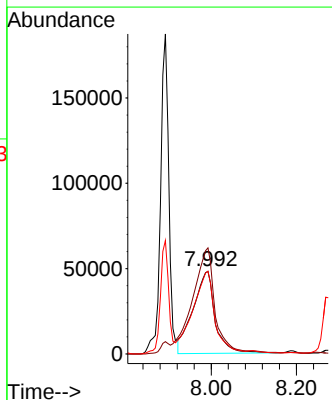
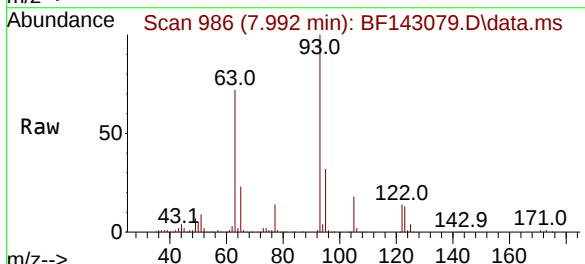
Instrument :
BNA_F
ClientSampleId :
ICVBF071125

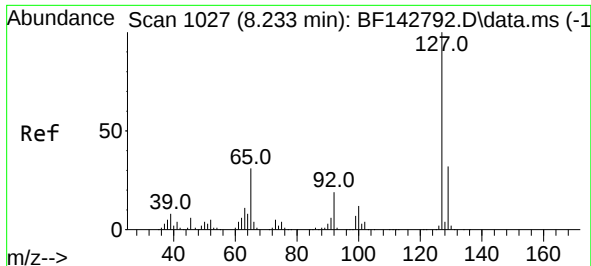
Tgt Ion:128 Resp: 1077710
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.0 10.6 15.8



#32
Benzoic acid
Concen: 47.075 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.006 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

Tgt Ion:122 Resp: 173876
Ion Ratio Lower Upper
122 100
105 128.5 109.7 149.7
77 100.2 81.6 121.6

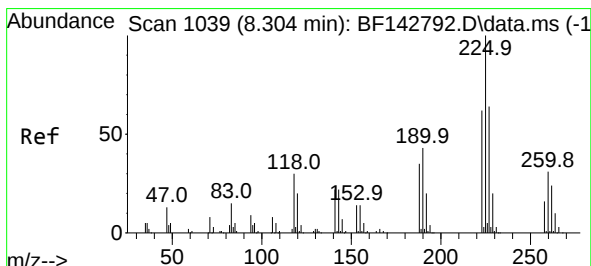
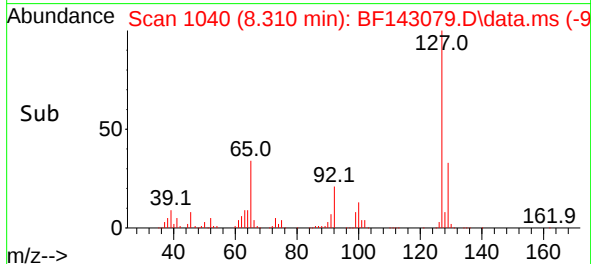
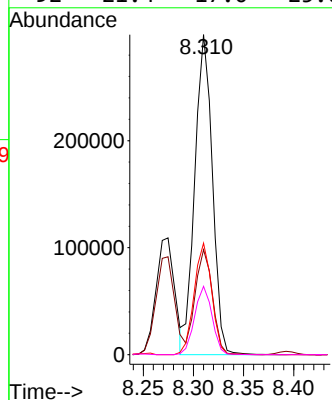
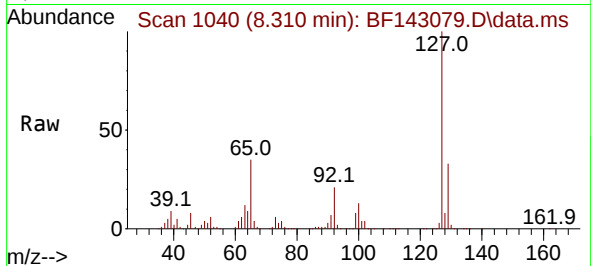




#33
4-Chloroaniline
Concen: 39.091 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

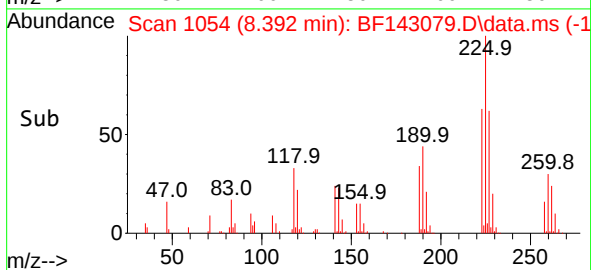
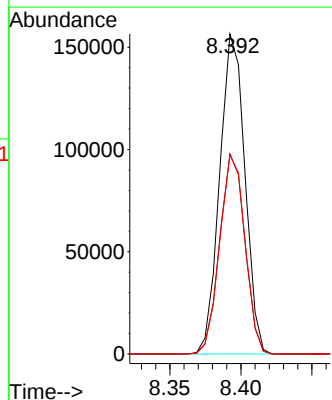
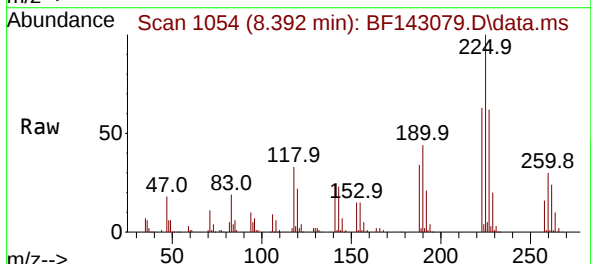
Instrument :
BNA_F
ClientSampleId :
ICVBF071125

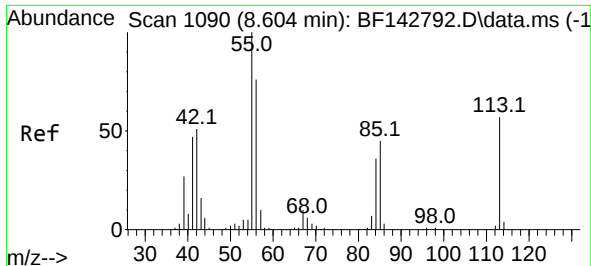
Tgt Ion:	127	Resp:	366627
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.8
65	34.8	27.8	41.8
92	21.4	17.0	25.6



#34
Hexachlorobutadiene
Concen: 39.353 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

Tgt Ion:	225	Resp:	192667
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.8	76.2
227	62.2	50.6	75.8

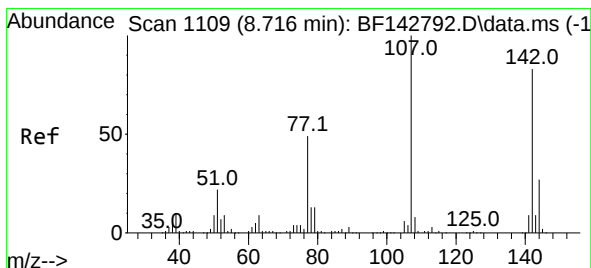
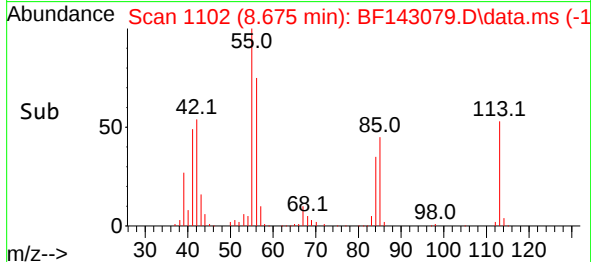
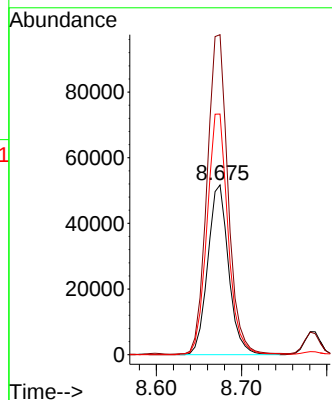
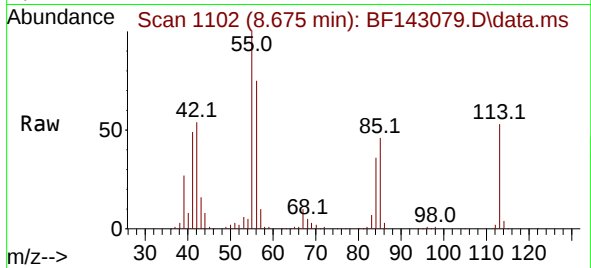




#35
 Caprolactam
 Concen: 43.008 ng
 RT: 8.675 min Scan# 1102
 Delta R.T. 0.000 min
 Lab File: BF143079.D
 Acq: 11 Jul 2025 16:51

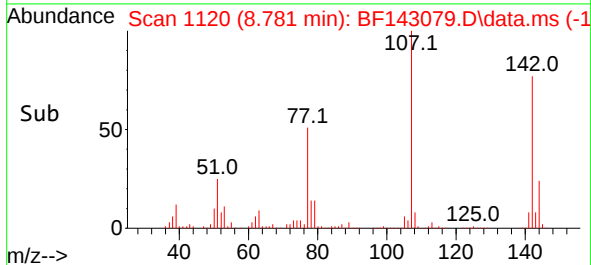
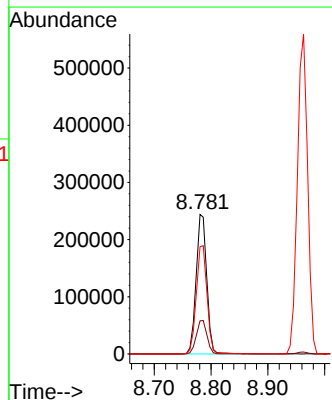
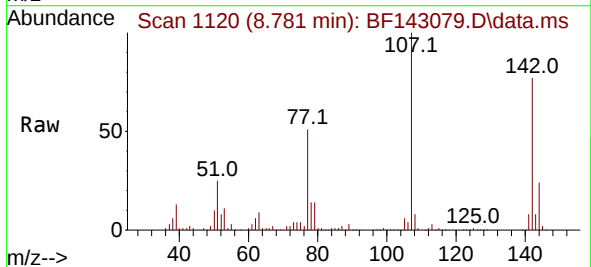
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071125

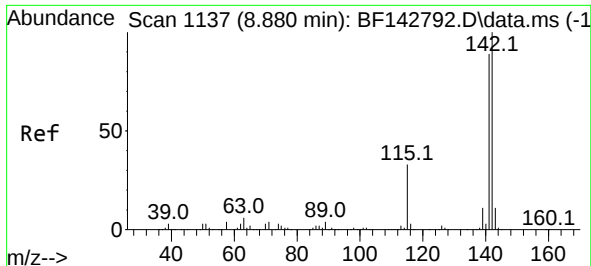
Tgt Ion:113 Resp: 87703
 Ion Ratio Lower Upper
 113 100
 55 188.4 175.4 215.4
 56 141.8 129.7 169.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.922 ng
 RT: 8.781 min Scan# 1120
 Delta R.T. -0.006 min
 Lab File: BF143079.D
 Acq: 11 Jul 2025 16:51

Tgt Ion:107 Resp: 320092
 Ion Ratio Lower Upper
 107 100
 144 23.7 19.8 29.6
 142 76.7 61.9 92.9





#37

2-Methylnaphthalene

Concen: 38.383 ng

RT: 8.963 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF143079.D

Acq: 11 Jul 2025 16:51

Instrument :

BNA_F

ClientSampleId :

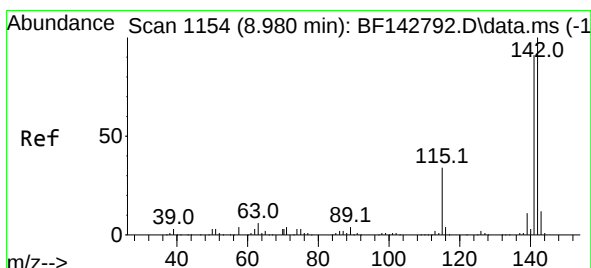
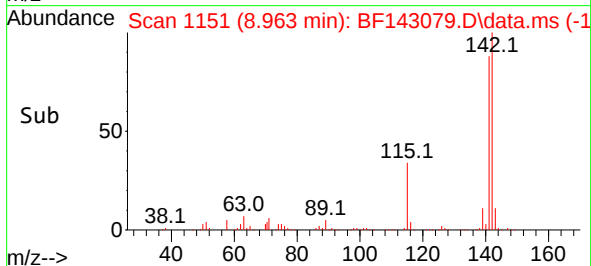
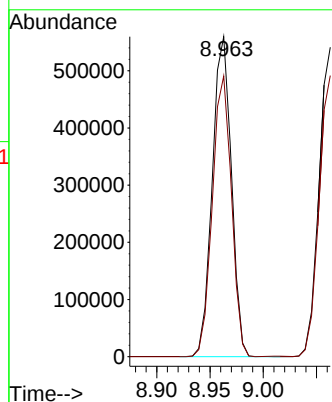
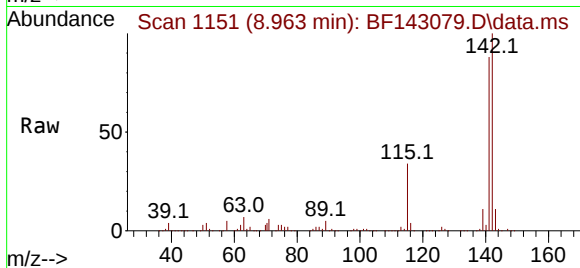
ICVBF071125

Tgt Ion:142 Resp: 696361

Ion Ratio Lower Upper

142 100

141 87.7 69.8 104.8



#38

1-Methylnaphthalene

Concen: 38.493 ng

RT: 9.063 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF143079.D

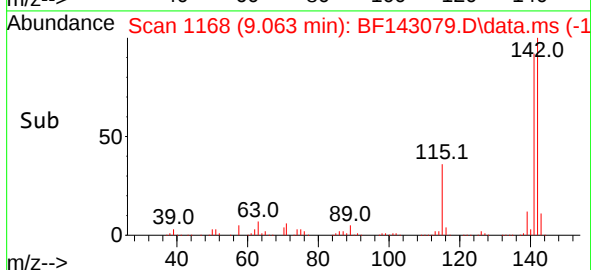
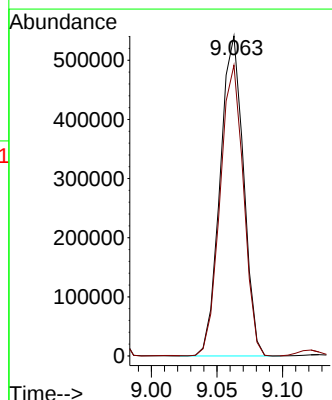
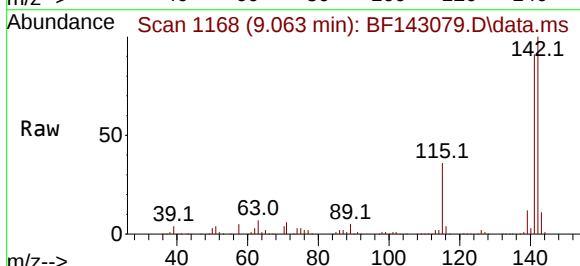
Acq: 11 Jul 2025 16:51

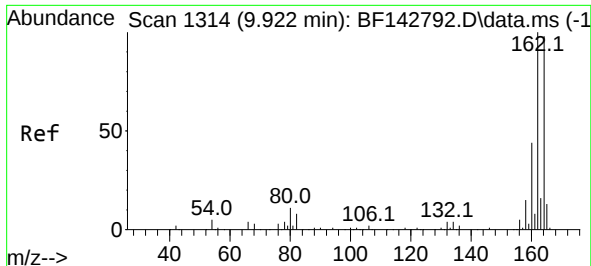
Tgt Ion:142 Resp: 672095

Ion Ratio Lower Upper

142 100

141 90.9 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF143079.D

Acq: 11 Jul 2025 16:51

Instrument :

BNA_F

ClientSampleId :

ICVBF071125

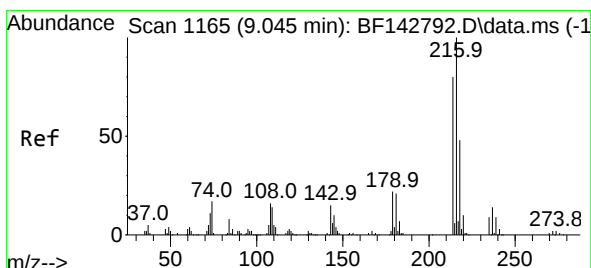
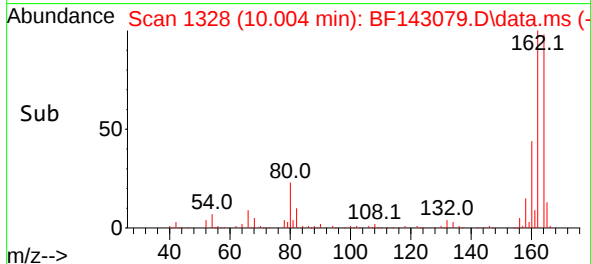
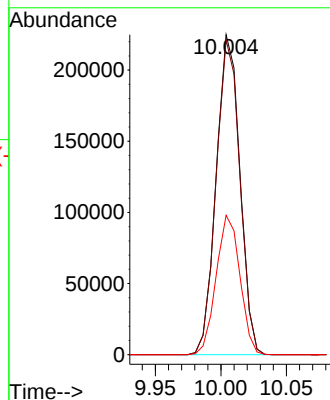
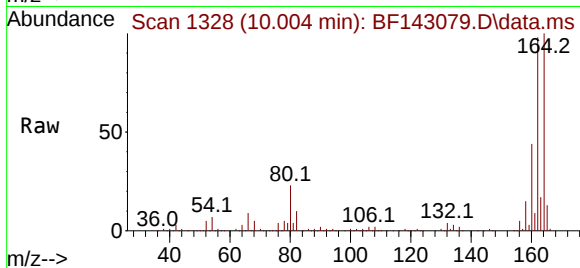
Tgt Ion:164 Resp: 282322

Ion Ratio Lower Upper

164 100

162 98.3 79.3 118.9

160 43.5 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.580 ng

RT: 9.128 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF143079.D

Acq: 11 Jul 2025 16:51

Tgt Ion:216 Resp: 319029

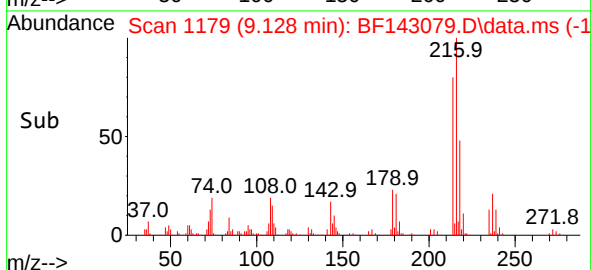
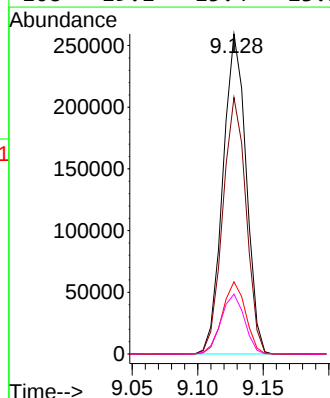
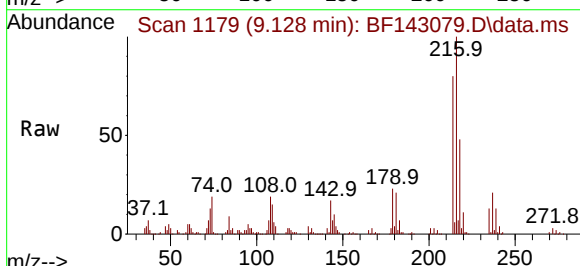
Ion Ratio Lower Upper

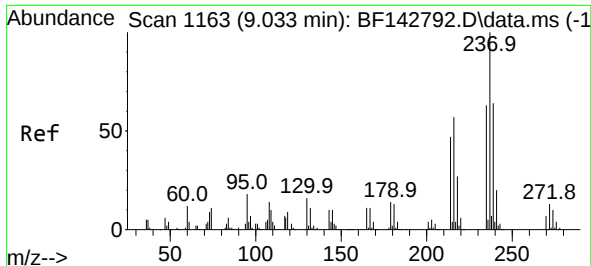
216 100

214 80.2 62.9 94.3

179 22.5 17.3 25.9

108 19.1 15.4 23.2

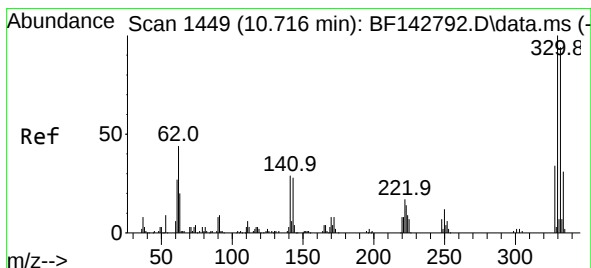
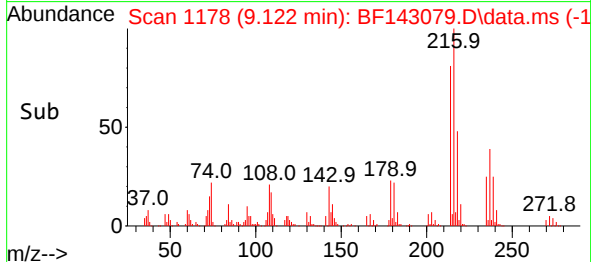
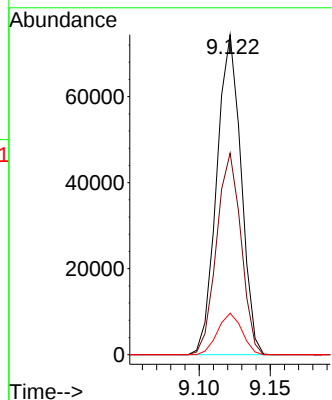
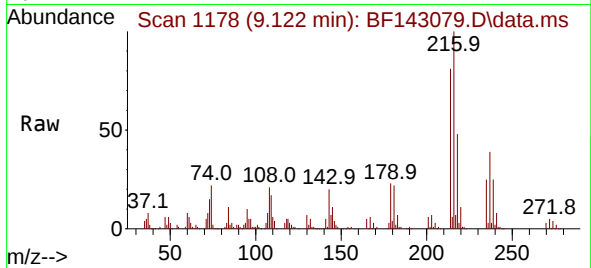




#41
Hexachlorocyclopentadiene
Concen: 42.857 ng
RT: 9.122 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

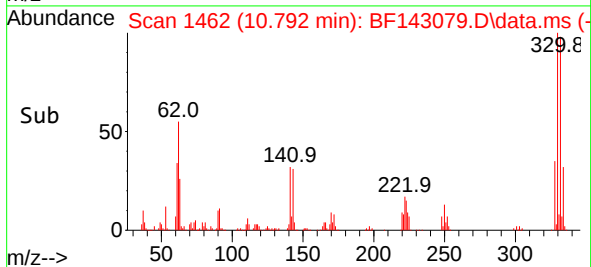
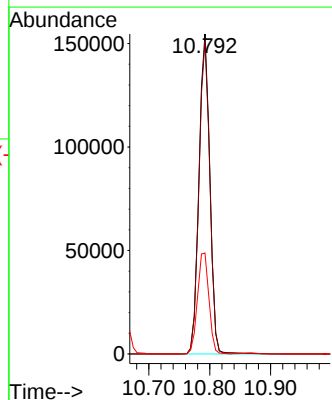
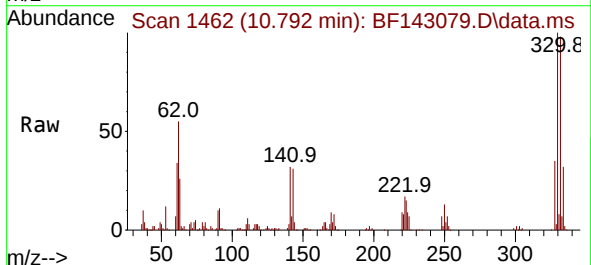
Instrument :
BNA_F
ClientSampleId :
ICVBF071125

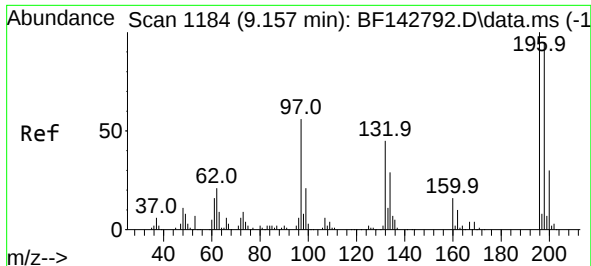
Tgt Ion:237 Resp: 88414
Ion Ratio Lower Upper
237 100
235 63.0 43.1 83.1
272 13.0 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 91.913 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

Tgt Ion:330 Resp: 192063
Ion Ratio Lower Upper
330 100
332 97.6 77.8 116.8
141 33.1 28.1 42.1

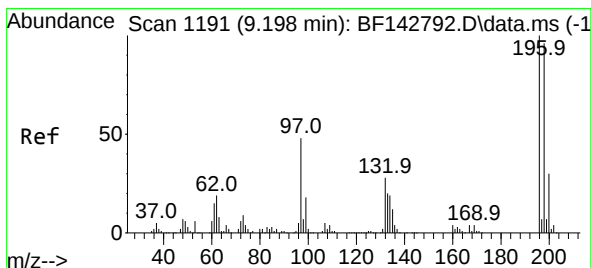
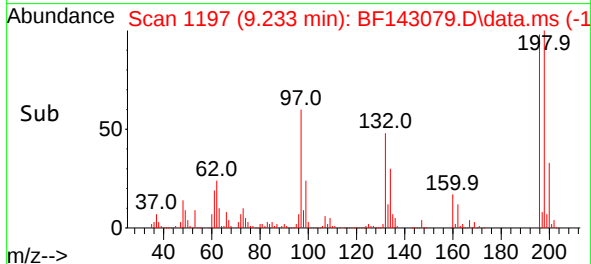
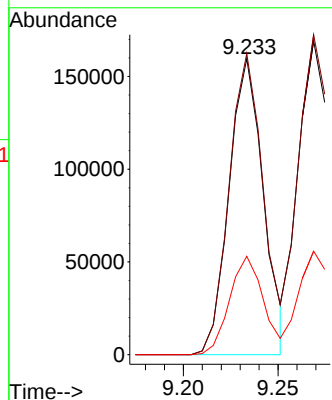
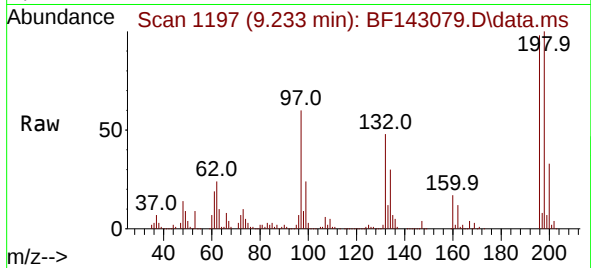




#43
2,4,6-Trichlorophenol
Concen: 43.435 ng
RT: 9.233 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

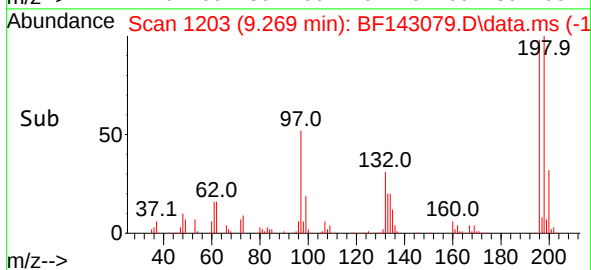
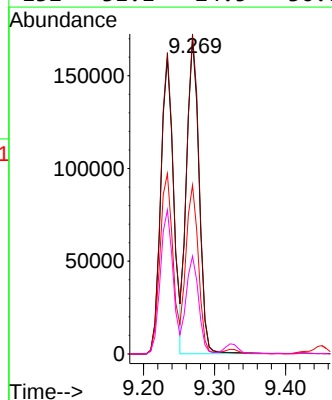
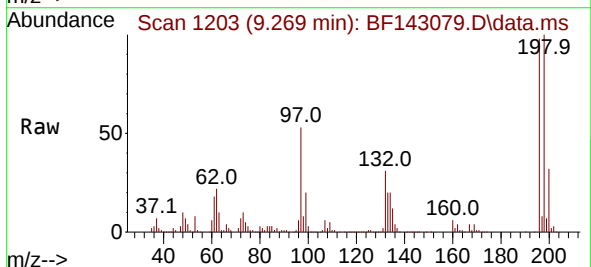
Instrument :
BNA_F
ClientSampleId :
ICVBF071125

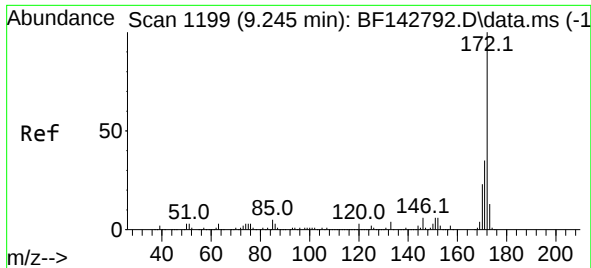
Tgt Ion:196 Resp: 200729
Ion Ratio Lower Upper
196 100
198 101.8 80.4 120.6
200 33.2 25.4 38.0



#44
2,4,5-Trichlorophenol
Concen: 42.900 ng
RT: 9.269 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

Tgt Ion:196 Resp: 206665
Ion Ratio Lower Upper
196 100
198 101.9 80.6 120.8
97 53.8 43.7 65.5
132 31.1 24.5 36.7

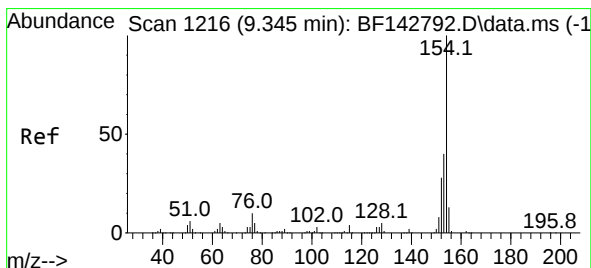
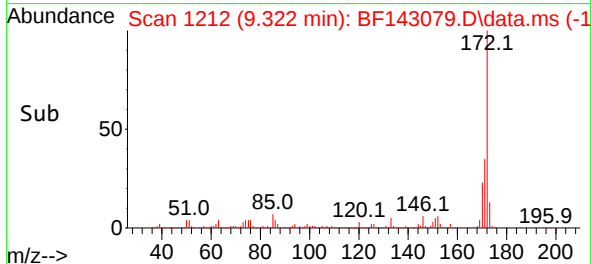
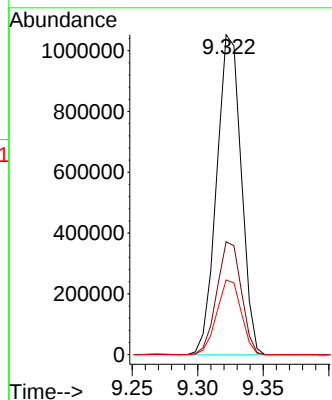
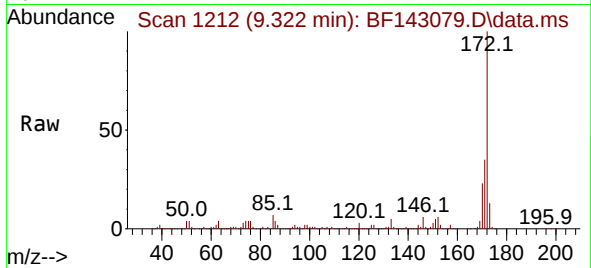




#45
2-Fluorobiphenyl
Concen: 76.214 ng
RT: 9.322 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

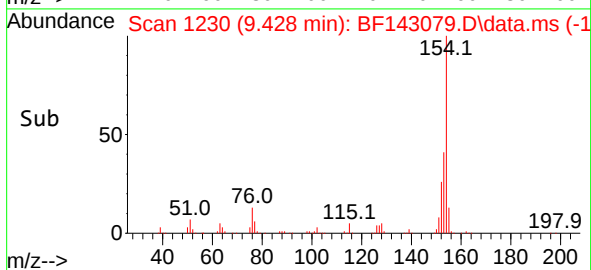
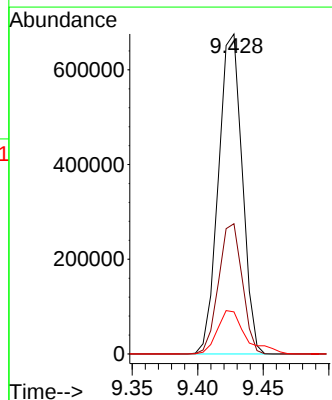
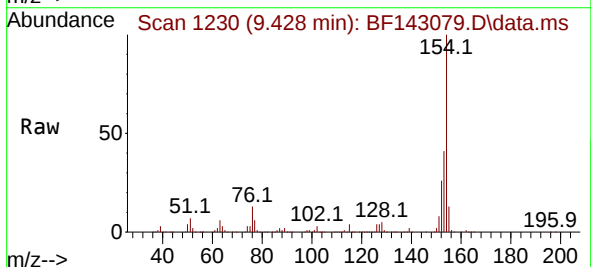
Instrument :
BNA_F
ClientSampleId :
ICVBF071125

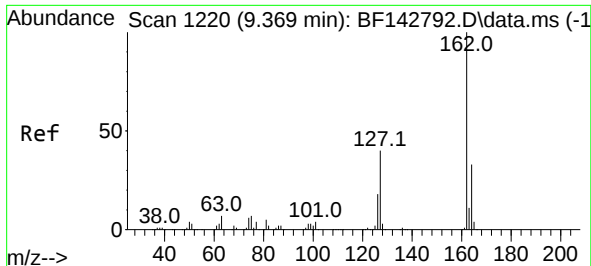
Tgt Ion:172 Resp: 1368951
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 38.360 ng
RT: 9.428 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

Tgt Ion:154 Resp: 850417
Ion Ratio Lower Upper
154 100
153 40.7 20.3 60.3
76 13.1 0.0 33.2





#47

2-Chloronaphthalene

Concen: 38.419 ng

RT: 9.451 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143079.D

Acq: 11 Jul 2025 16:51

Instrument :

BNA_F

ClientSampleId :

ICVBF071125

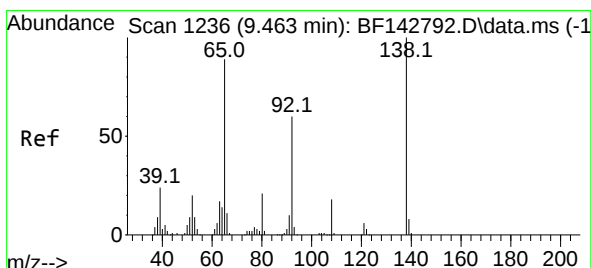
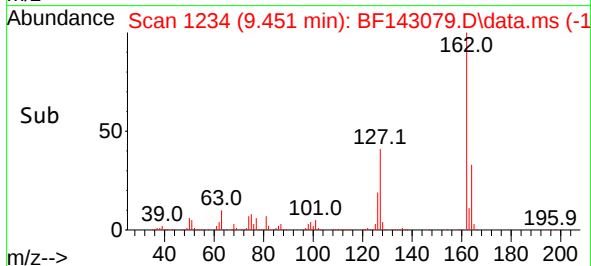
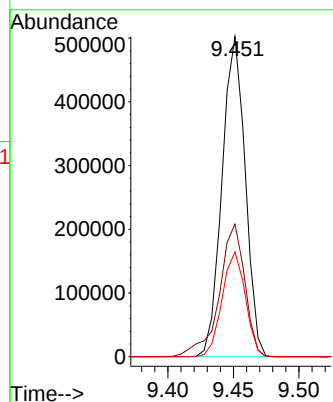
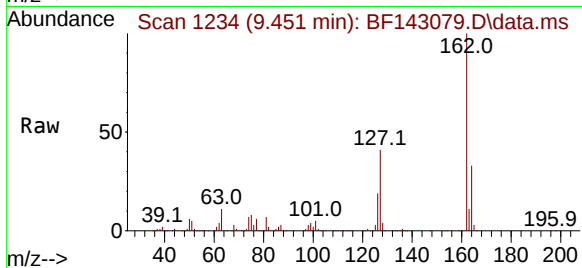
Tgt Ion:162 Resp: 616836

Ion Ratio Lower Upper

162 100

127 41.4 32.9 49.3

164 32.7 26.2 39.2



#48

2-Nitroaniline

Concen: 44.433 ng

RT: 9.533 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF143079.D

Acq: 11 Jul 2025 16:51

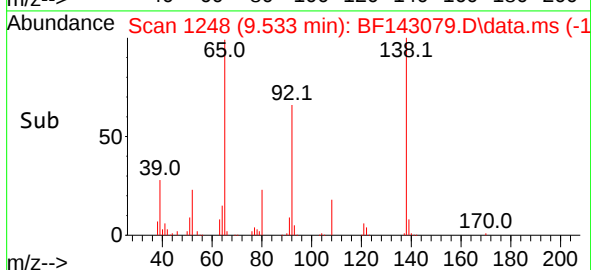
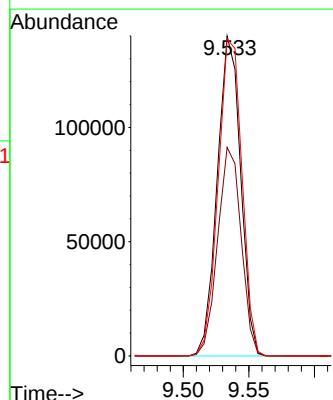
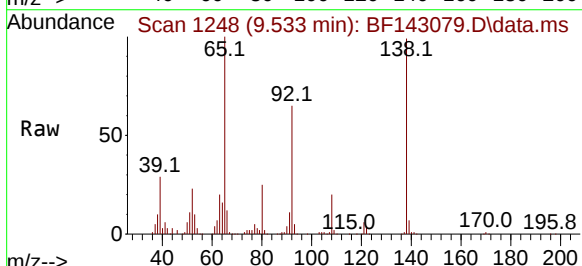
Tgt Ion: 65 Resp: 173315

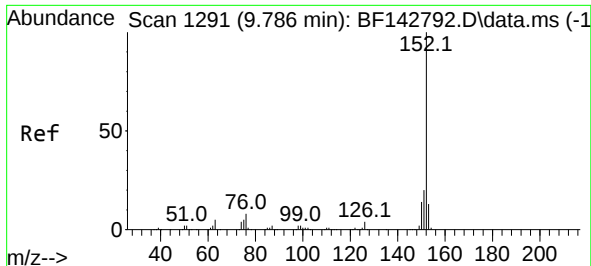
Ion Ratio Lower Upper

65 100

92 65.2 51.4 77.0

138 99.0 77.0 115.4

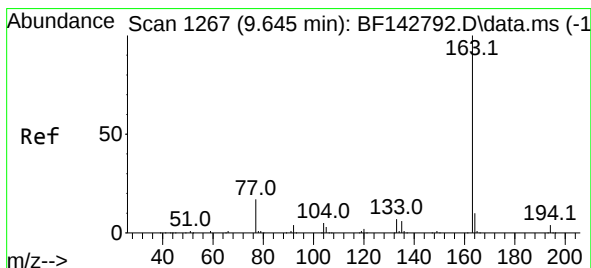
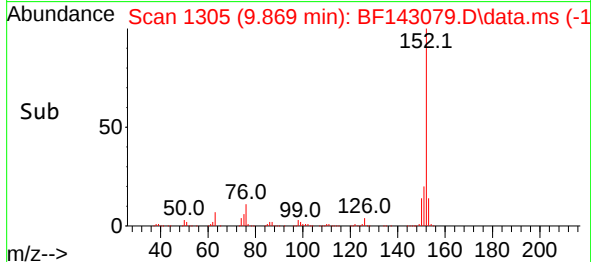
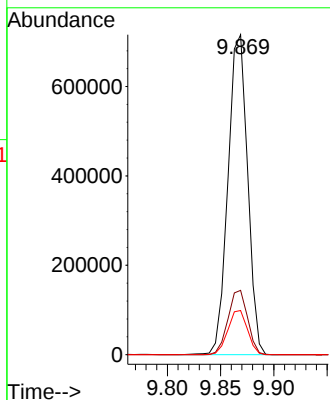
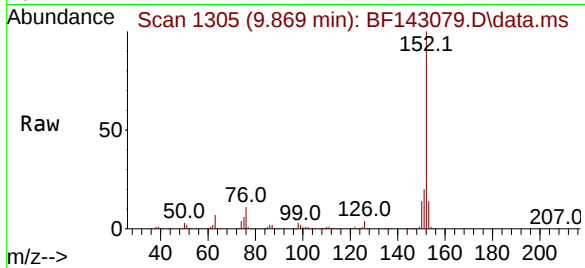




#49
Acenaphthylene
Concen: 38.941 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

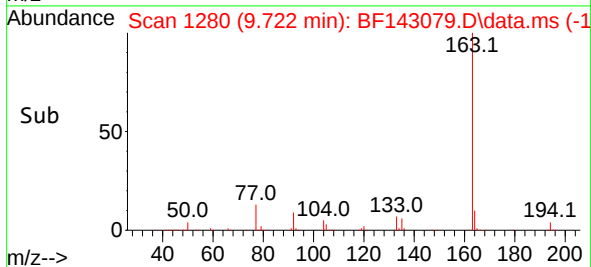
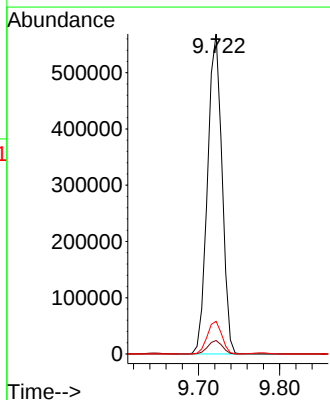
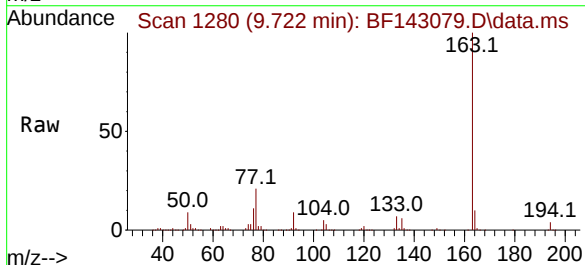
Instrument :
BNA_F
ClientSampleId :
ICVBF071125

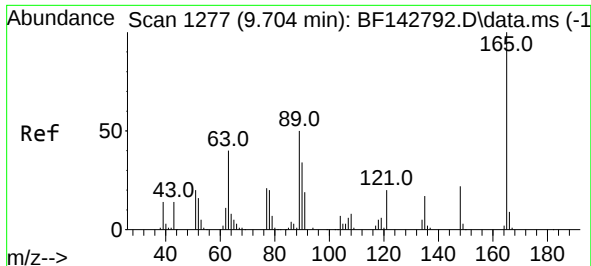
Tgt Ion:152 Resp: 917859
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.8 11.2 16.8



#50
Dimethylphthalate
Concen: 39.938 ng
RT: 9.722 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

Tgt Ion:163 Resp: 700694
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.2 8.1 12.1

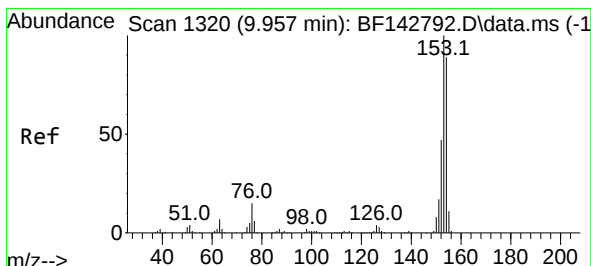
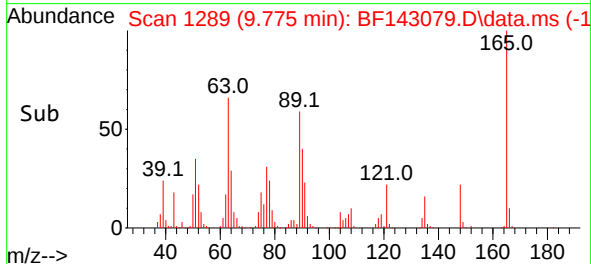
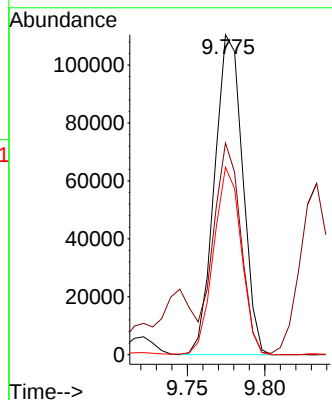
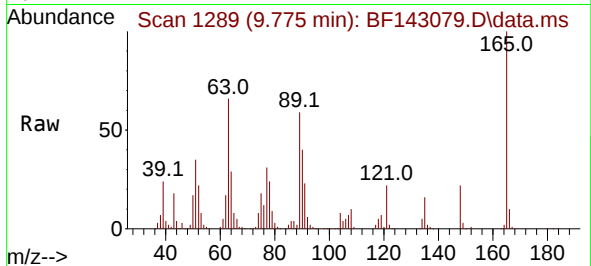




#51
2,6-Dinitrotoluene
Concen: 45.189 ng
RT: 9.775 min Scan# 1310
Delta R.T. 0.001 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

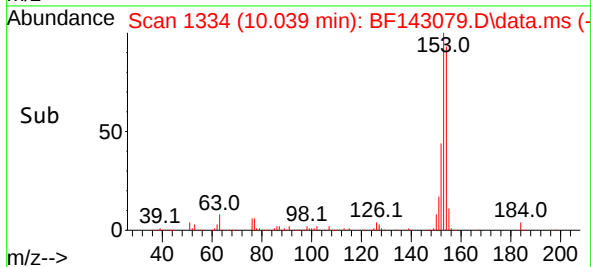
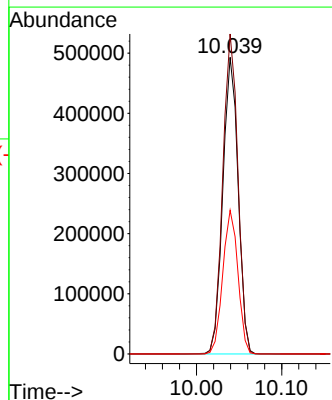
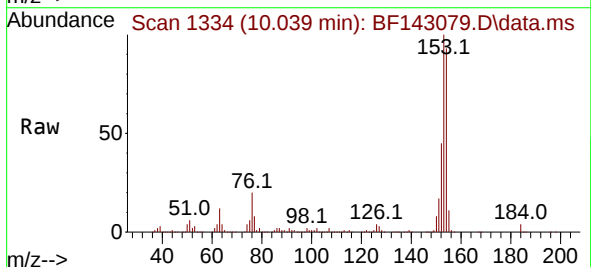
Instrument :
BNA_F
ClientSampleId :
ICVBF071125

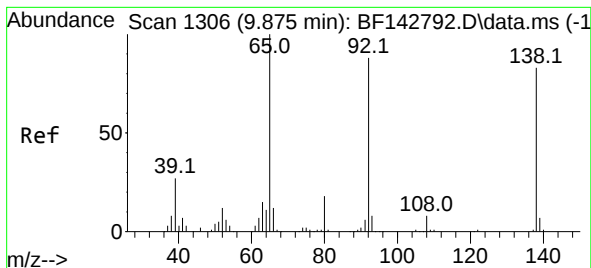
Tgt Ion:165 Resp: 139364
Ion Ratio Lower Upper
165 100
63 66.2 53.0 79.6
89 58.6 50.2 75.4



#52
Acenaphthene
Concen: 38.703 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

Tgt Ion:154 Resp: 614429
Ion Ratio Lower Upper
154 100
153 107.9 86.6 130.0
152 48.4 38.7 58.1





#53

3-Nitroaniline

Concen: 43.861 ng

RT: 9.945 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143079.D

Acq: 11 Jul 2025 16:51

Instrument :

BNA_F

ClientSampleId :

ICVBF071125

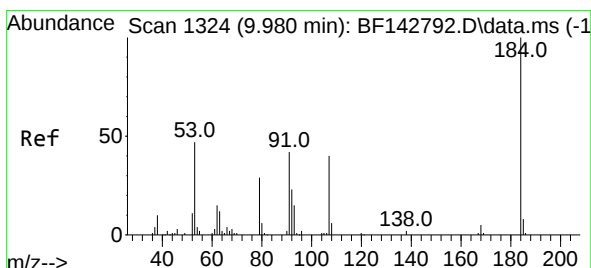
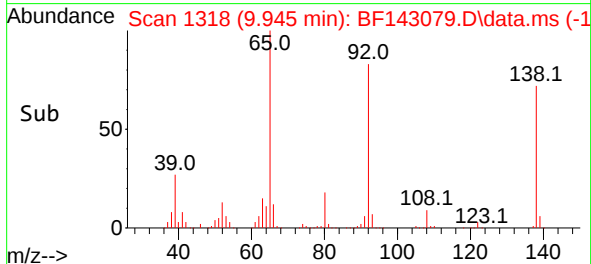
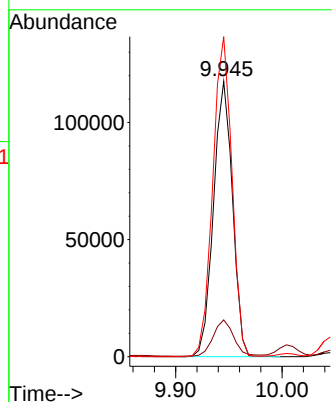
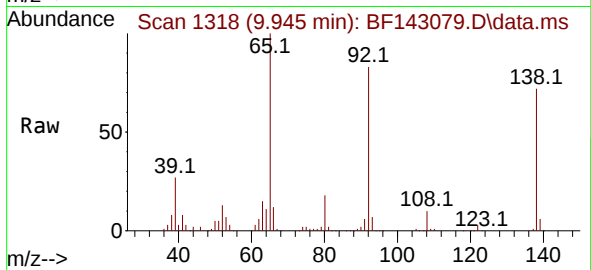
Tgt Ion:138 Resp: 145340

Ion Ratio Lower Upper

138 100

108 13.4 14.0 21.0#

92 116.2 94.1 141.1



#54

2,4-Dinitrophenol

Concen: 50.385 ng

RT: 10.045 min Scan# 1335

Delta R.T. 0.000 min

Lab File: BF143079.D

Acq: 11 Jul 2025 16:51

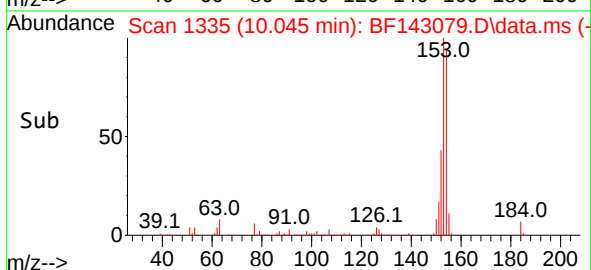
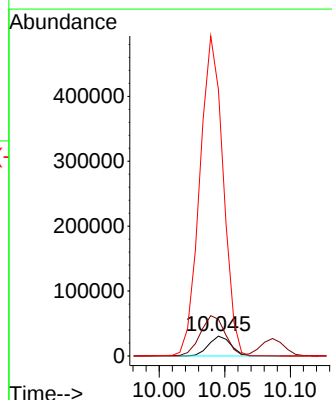
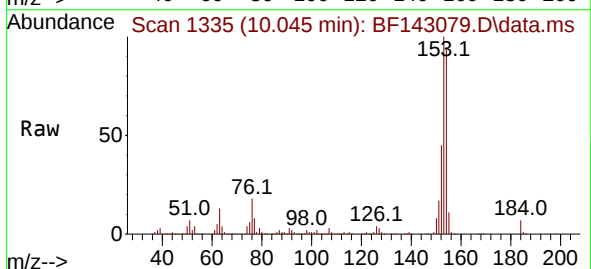
Tgt Ion:184 Resp: 36073

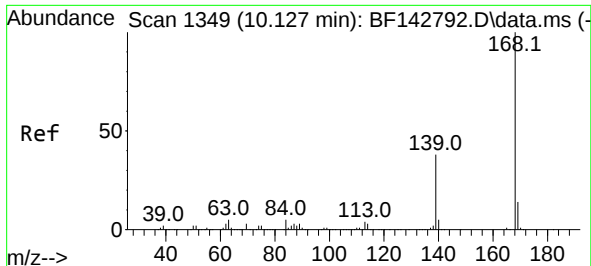
Ion Ratio Lower Upper

184 100

63 185.4 204.9 307.3#

154 1344.7 1655.1 2482.7#

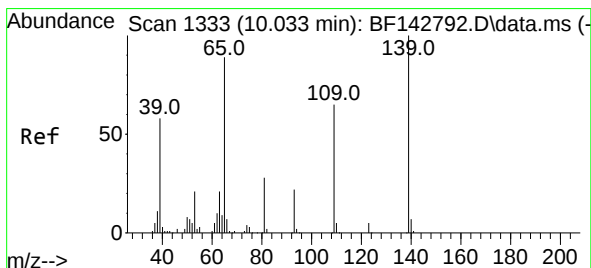
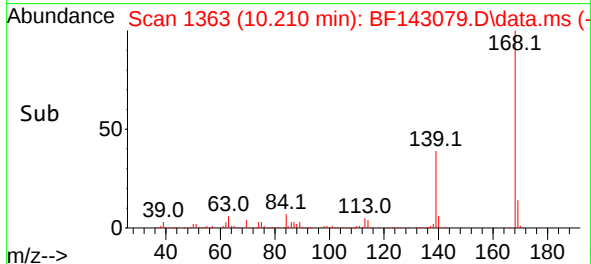
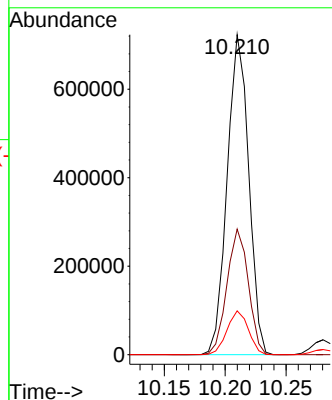
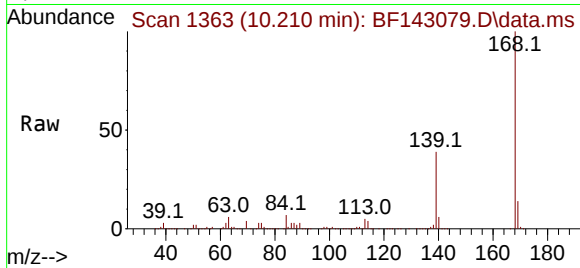




#55
Dibenzofuran
Concen: 38.392 ng
RT: 10.210 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

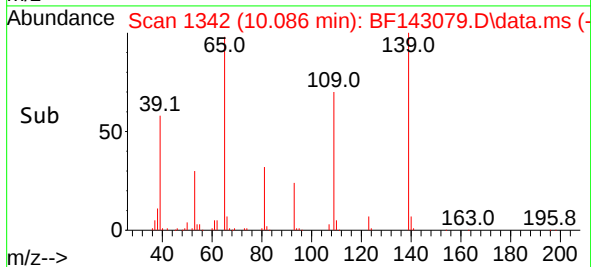
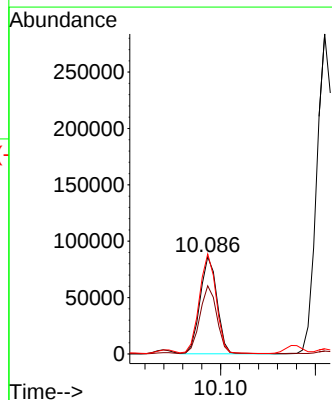
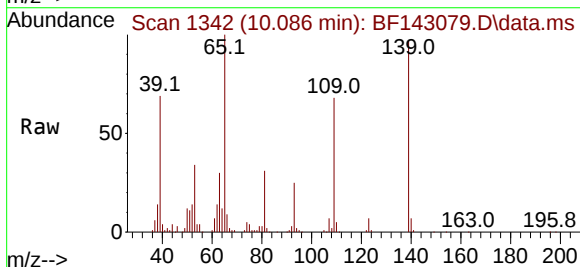
Instrument :
BNA_F
ClientSampleId :
ICVBF071125

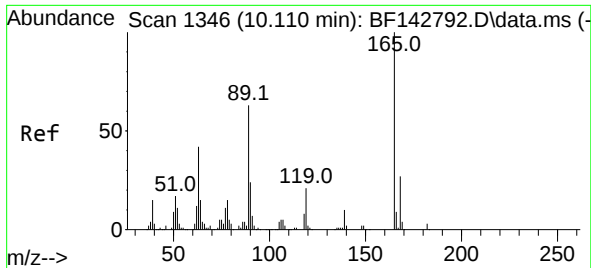
Tgt Ion:168 Resp: 890129
Ion Ratio Lower Upper
168 100
139 39.2 30.6 46.0
169 13.7 10.6 15.8



#56
4-Nitrophenol
Concen: 44.320 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

Tgt Ion:139 Resp: 107280
Ion Ratio Lower Upper
139 100
109 70.1 52.5 92.5
65 102.9 85.8 125.8

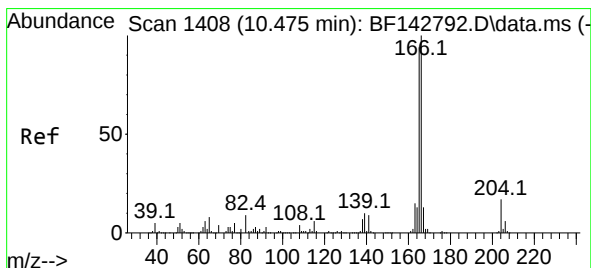
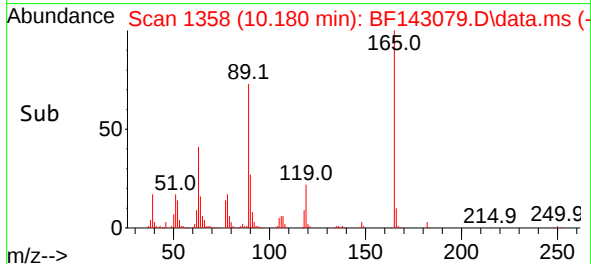
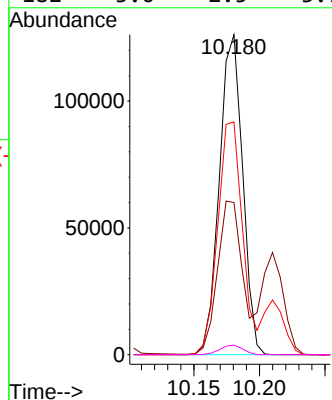
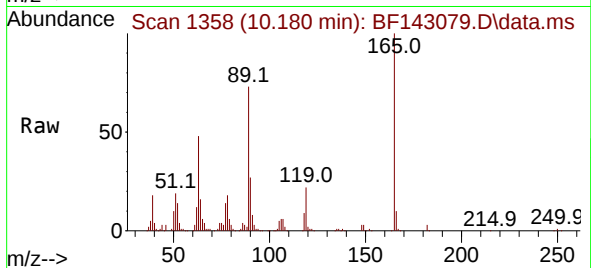




#57
2,4-Dinitrotoluene
Concen: 45.928 ng
RT: 10.180 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

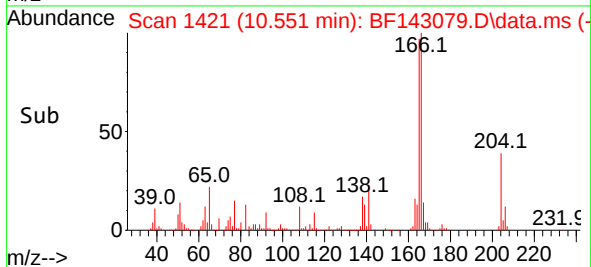
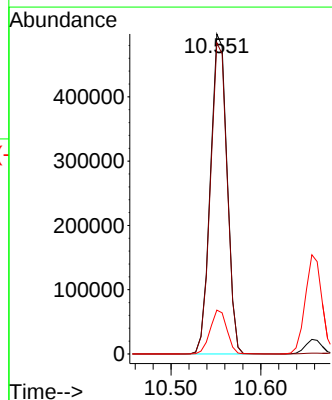
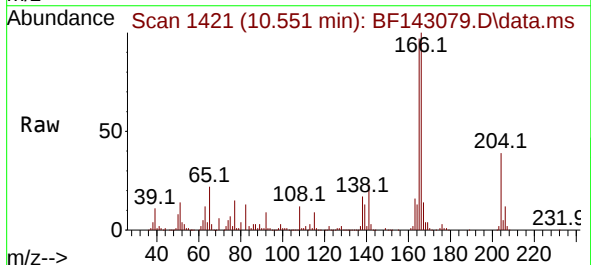
Instrument :
BNA_F
ClientSampleId :
ICVBF071125

Tgt Ion:165 Resp: 155436
Ion Ratio Lower Upper
165 100
63 47.6 39.0 58.6
89 72.8 59.5 89.3
182 3.0 2.5 3.7



#58
Fluorene
Concen: 37.821 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

Tgt Ion:166 Resp: 641886
Ion Ratio Lower Upper
166 100
165 97.2 77.0 115.4
167 13.7 10.9 16.3

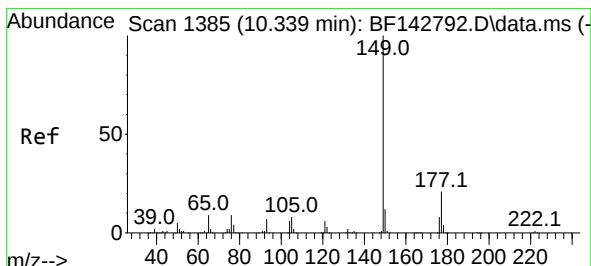
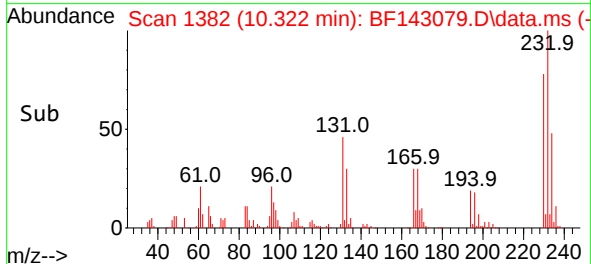
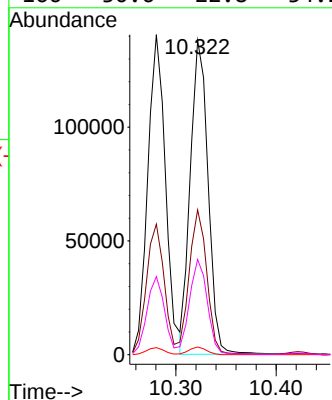
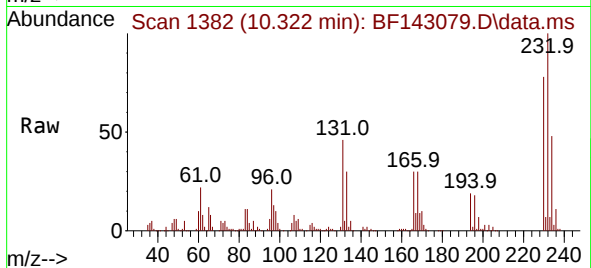




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.740 ng
RT: 10.322 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

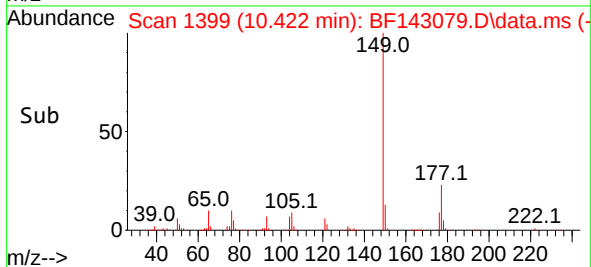
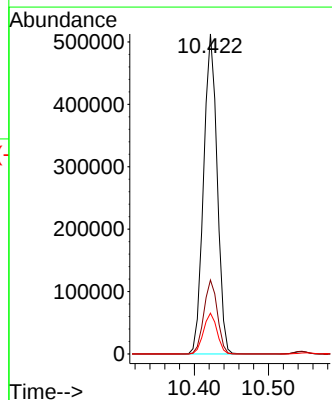
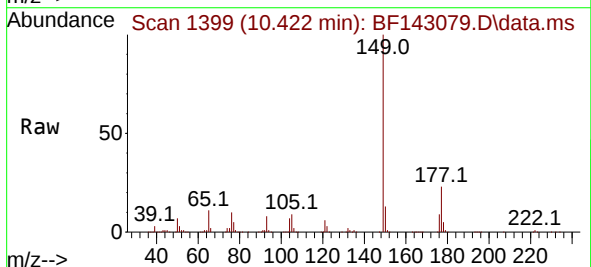
Instrument :
BNA_F
ClientSampleId :
ICVBF071125

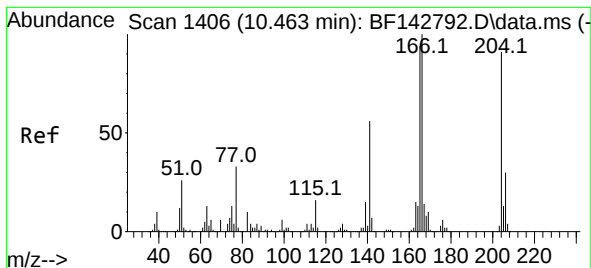
Tgt Ion:232 Resp: 169778
Ion Ratio Lower Upper
232 100
131 46.5 37.1 55.7
130 2.4 1.8 2.8
166 30.6 22.8 34.2



#60
Diethylphthalate
Concen: 40.400 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

Tgt Ion:149 Resp: 652213
Ion Ratio Lower Upper
149 100
177 23.1 18.6 27.8
150 12.8 10.2 15.4

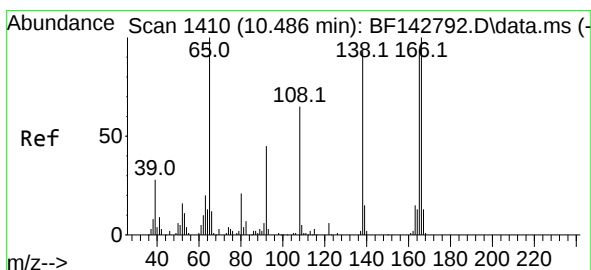
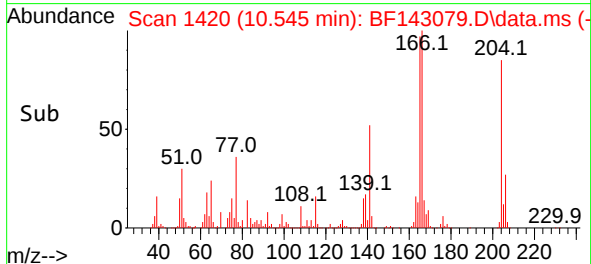
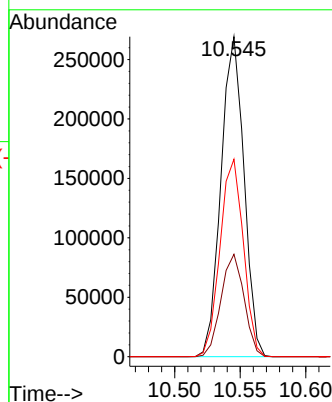
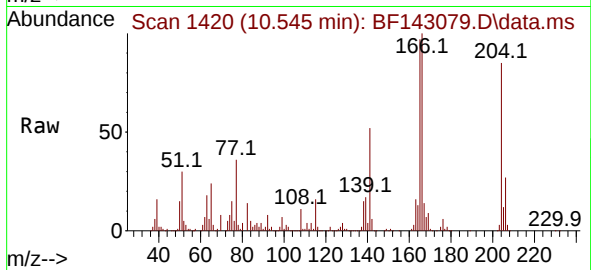




#61
4-Chlorophenyl-phenylether
Concen: 38.902 ng
RT: 10.545 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

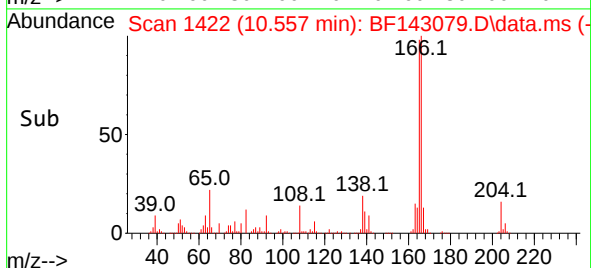
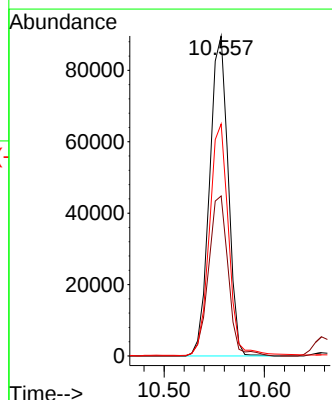
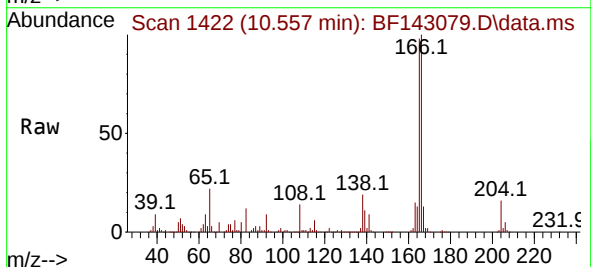
Instrument :
BNA_F
ClientSampleId :
ICVBF071125

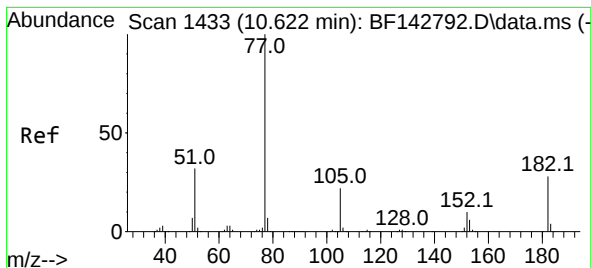
Tgt Ion:204 Resp: 328162
Ion Ratio Lower Upper
204 100
206 32.0 26.1 39.1
141 61.7 49.4 74.2



#62
4-Nitroaniline
Concen: 42.943 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

Tgt Ion:138 Resp: 115122
Ion Ratio Lower Upper
138 100
92 50.0 29.3 69.3
108 72.5 52.6 92.6





#63

Azobenzene

Concen: 39.036 ng

RT: 10.704 min Scan# 1447

Delta R.T. 0.000 min

Lab File: BF143079.D

Acq: 11 Jul 2025 16:51

Instrument :

BNA_F

ClientSampleId :

ICVBF071125

Tgt Ion: 77 Resp: 717408

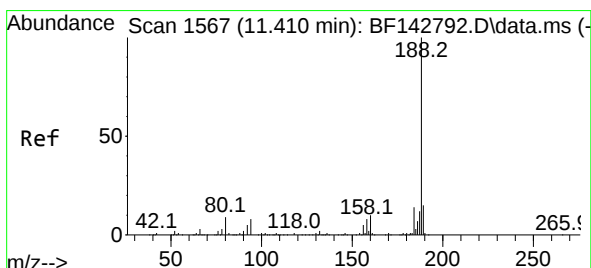
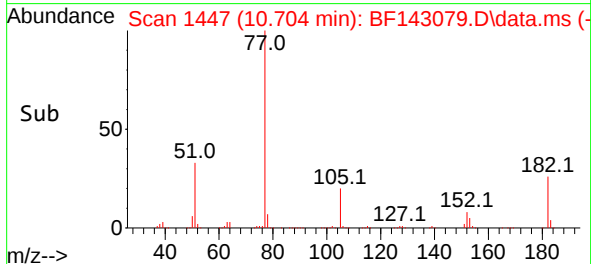
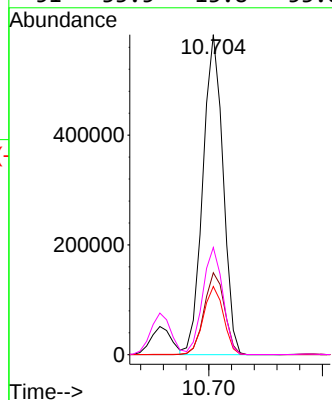
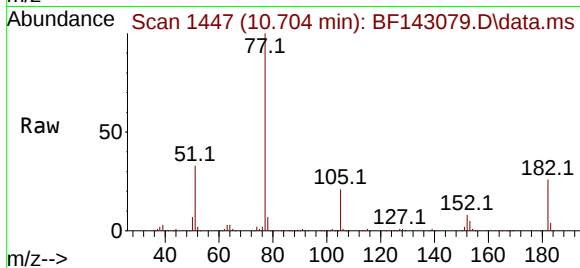
Ion Ratio Lower Upper

77 100

182 25.6 4.5 44.5

105 21.3 1.2 41.2

51 33.5 13.8 53.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF143079.D

Acq: 11 Jul 2025 16:51

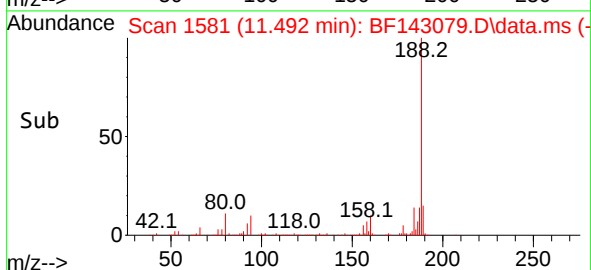
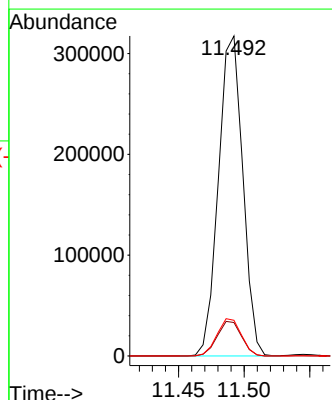
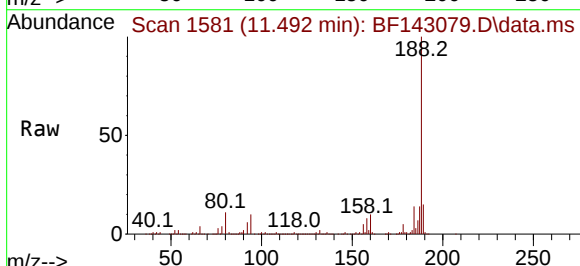
Tgt Ion:188 Resp: 409771

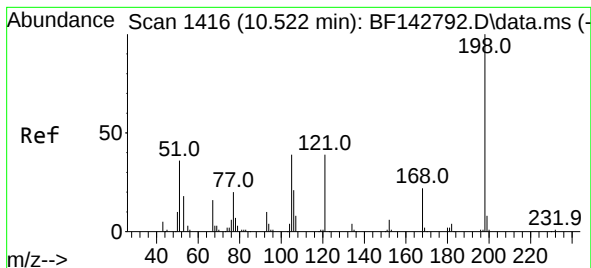
Ion Ratio Lower Upper

188 100

94 10.4 8.4 12.6

80 11.2 9.3 13.9

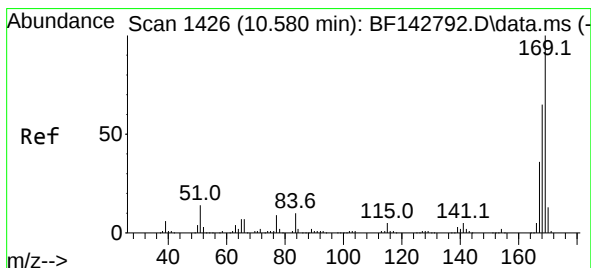
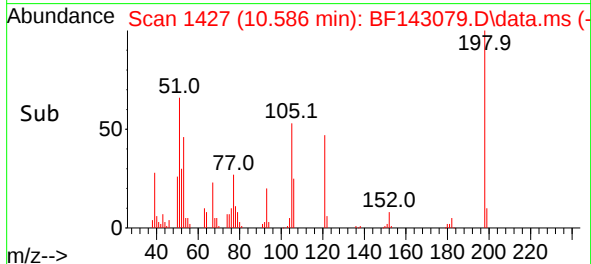
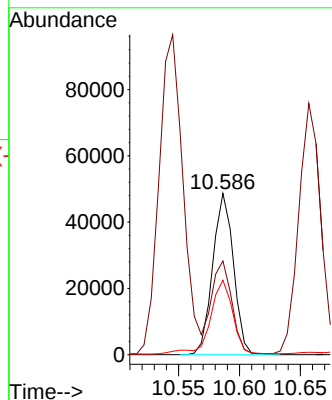
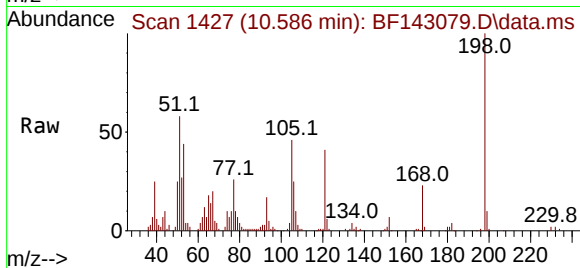




#65
4,6-Dinitro-2-methylphenol
Concen: 48.294 ng
RT: 10.586 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

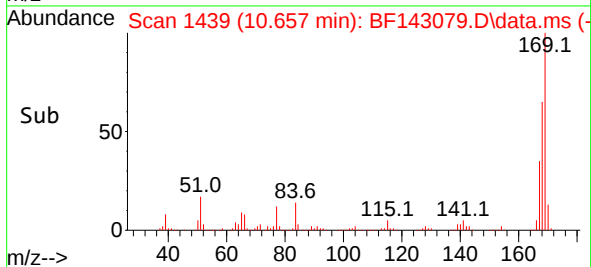
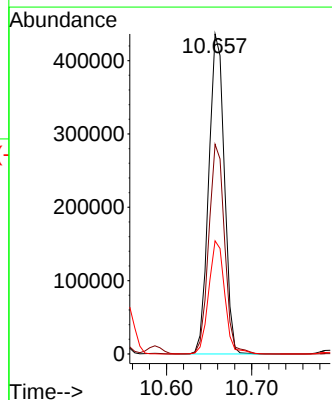
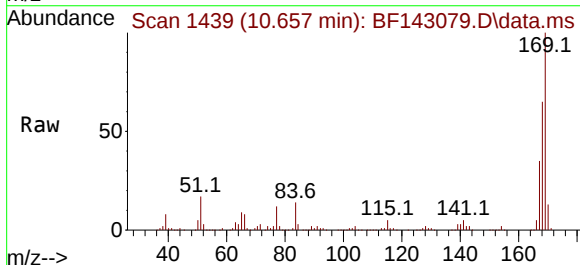
Instrument :
BNA_F
ClientSampleId :
ICVBF071125

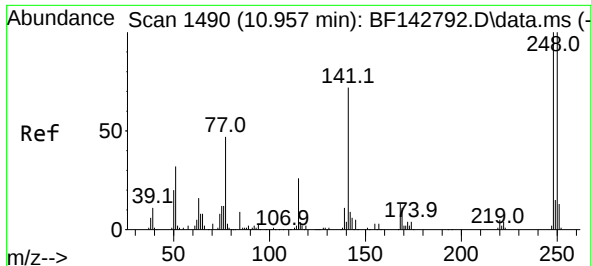
Tgt Ion:198 Resp: 57503
Ion Ratio Lower Upper
198 100
51 58.1 38.7 78.7
105 46.1 27.6 67.6



#66
n-Nitrosodiphenylamine
Concen: 39.346 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

Tgt Ion:169 Resp: 554007
Ion Ratio Lower Upper
169 100
168 65.5 52.6 79.0
167 35.4 28.7 43.1

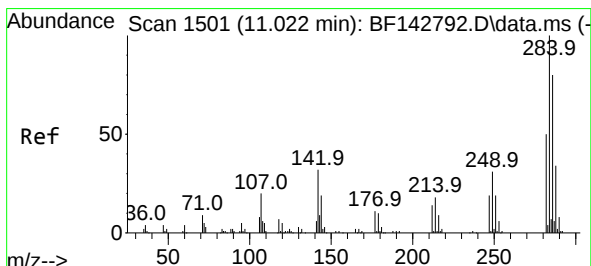
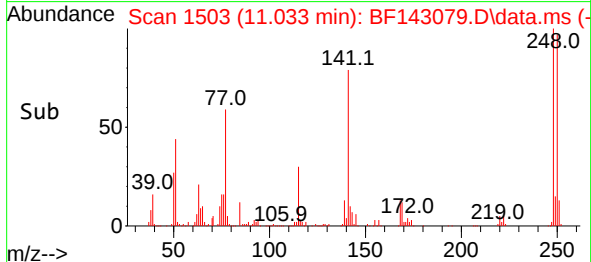
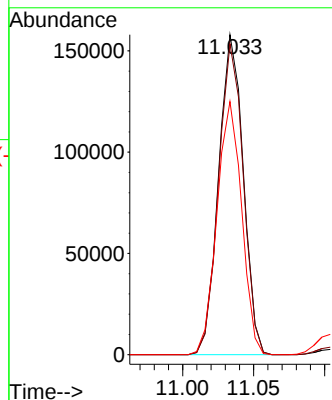
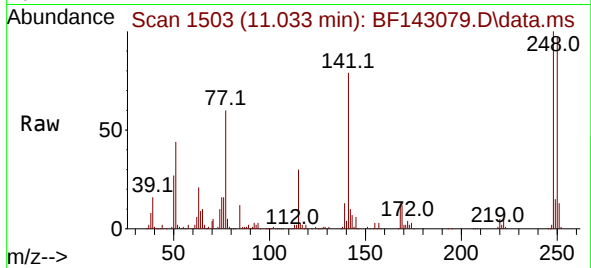




#67
4-Bromophenyl-phenylether
Concen: 40.064 ng
RT: 11.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

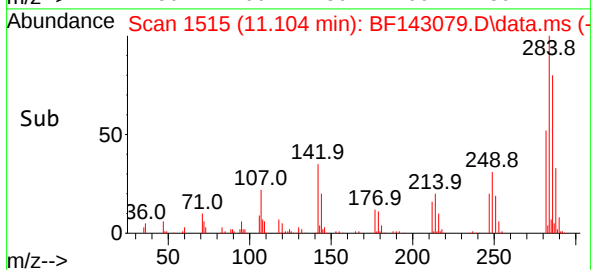
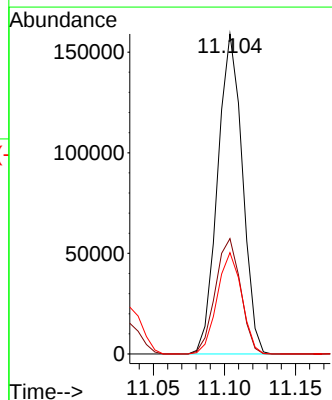
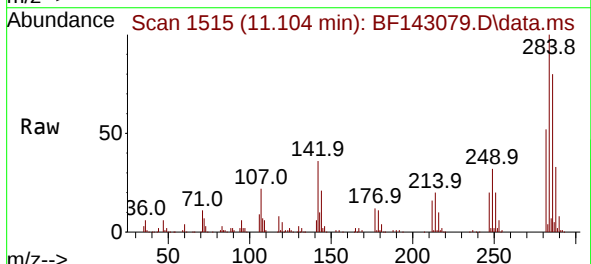
Instrument :
BNA_F
ClientSampleId :
ICVBF071125

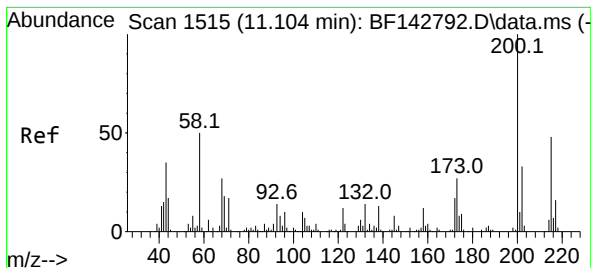
Tgt Ion:248 Resp: 190818
Ion Ratio Lower Upper
248 100
250 97.2 78.5 117.7
141 79.1 64.5 96.7



#68
Hexachlorobenzene
Concen: 40.189 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

Tgt Ion:284 Resp: 192614
Ion Ratio Lower Upper
284 100
142 36.0 30.1 45.1
249 31.7 25.8 38.6





#69

Atrazine

Concen: 38.861 ng

RT: 11.180 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143079.D

Acq: 11 Jul 2025 16:51

Instrument :

BNA_F

ClientSampleId :

ICVBF071125

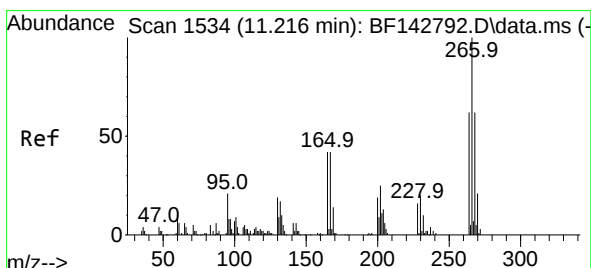
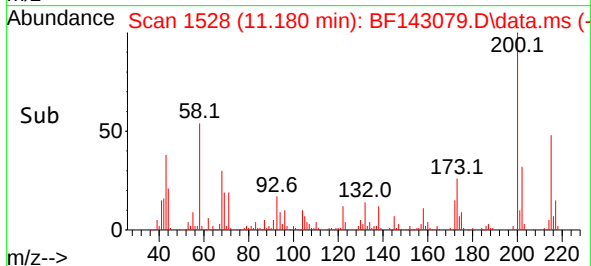
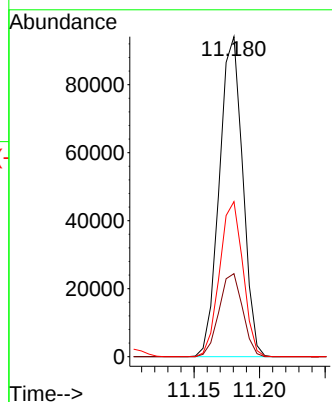
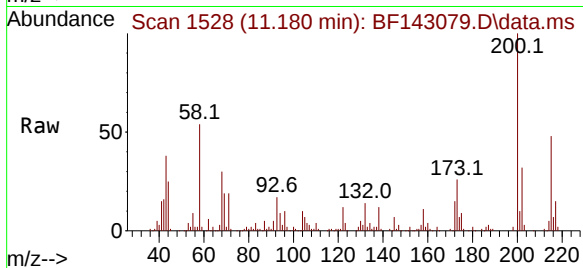
Tgt Ion:200 Resp: 116519

Ion Ratio Lower Upper

200 100

173 26.0 5.3 45.3

215 48.5 27.2 67.2



#70

Pentachlorophenol

Concen: 44.755 ng

RT: 11.292 min Scan# 1547

Delta R.T. 0.000 min

Lab File: BF143079.D

Acq: 11 Jul 2025 16:51

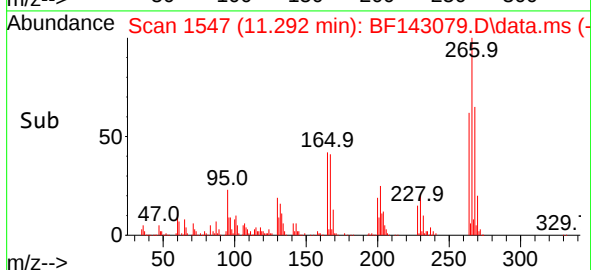
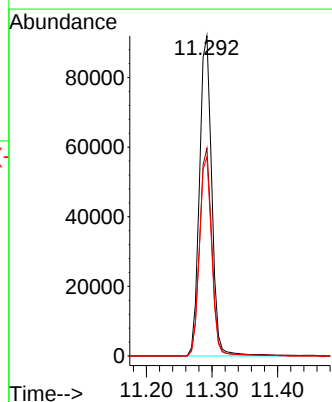
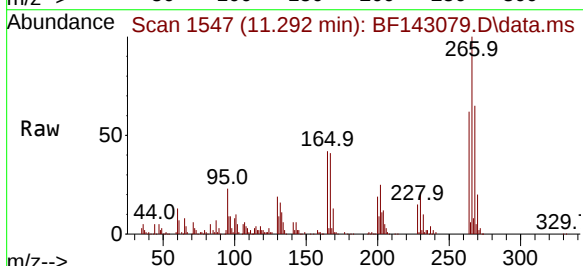
Tgt Ion:266 Resp: 120350

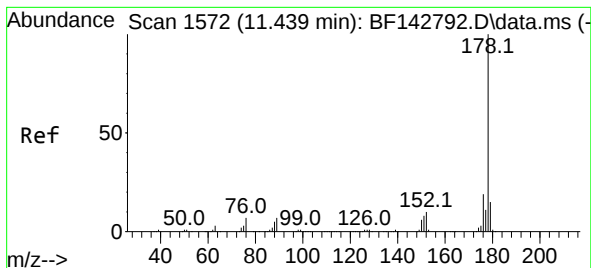
Ion Ratio Lower Upper

266 100

268 64.9 50.9 76.3

264 62.2 51.0 76.4





#71

Phenanthrene

Concen: 38.644 ng

RT: 11.516 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF143079.D

Acq: 11 Jul 2025 16:51

Instrument :

BNA_F

ClientSampleId :

ICVBF071125

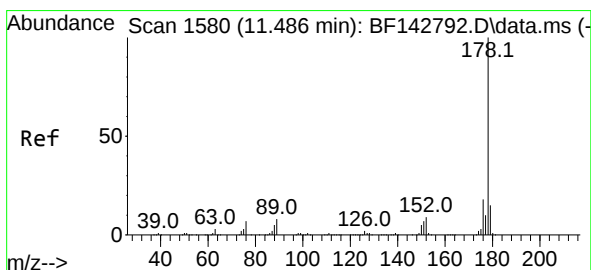
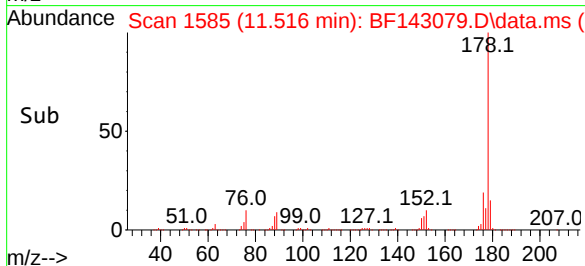
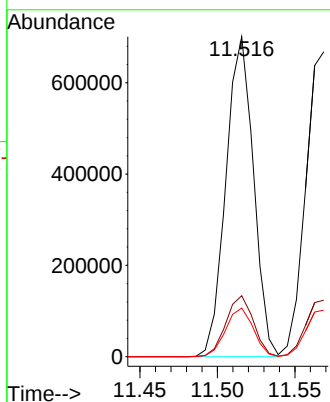
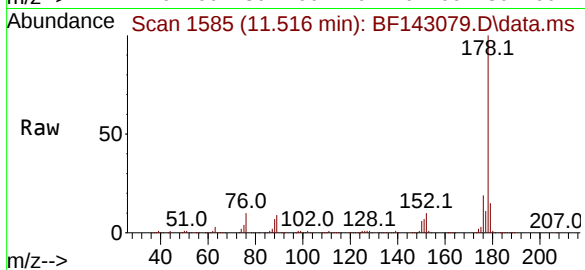
Tgt Ion:178 Resp: 867797

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 15.2 12.3 18.5



#72

Anthracene

Concen: 38.858 ng

RT: 11.569 min Scan# 1594

Delta R.T. 0.000 min

Lab File: BF143079.D

Acq: 11 Jul 2025 16:51

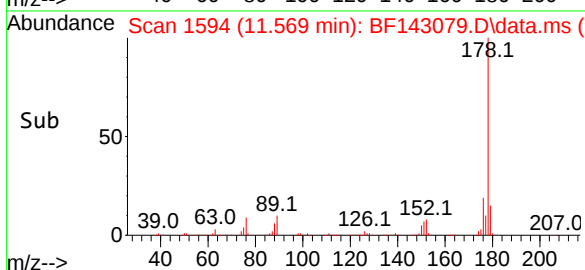
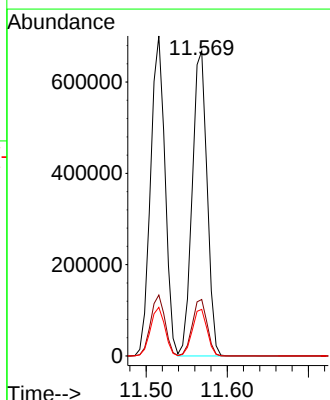
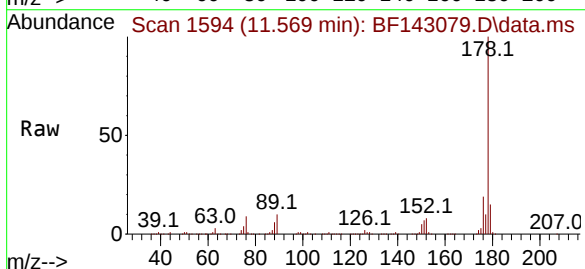
Tgt Ion:178 Resp: 850456

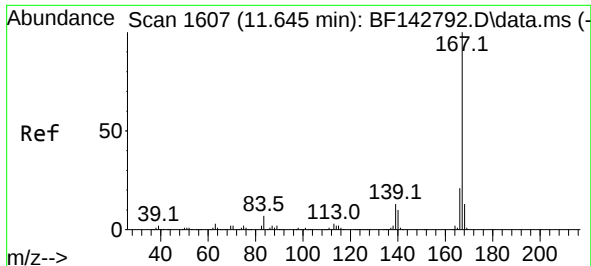
Ion Ratio Lower Upper

178 100

176 18.6 14.6 22.0

179 15.3 12.3 18.5

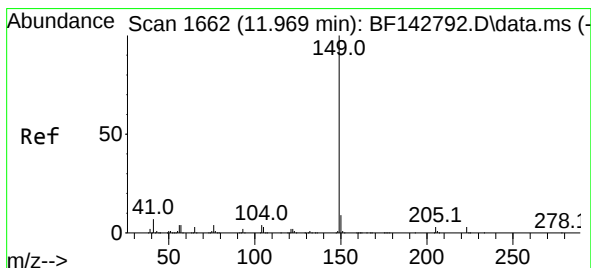
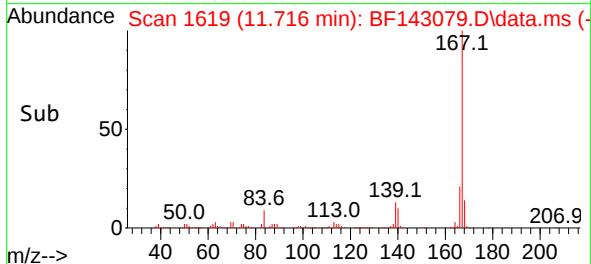
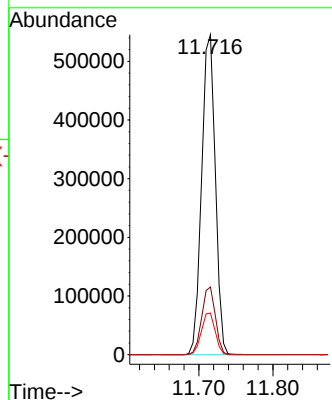
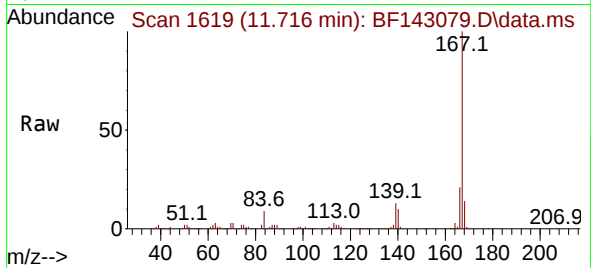




#73
Carbazole
Concen: 38.694 ng
RT: 11.716 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

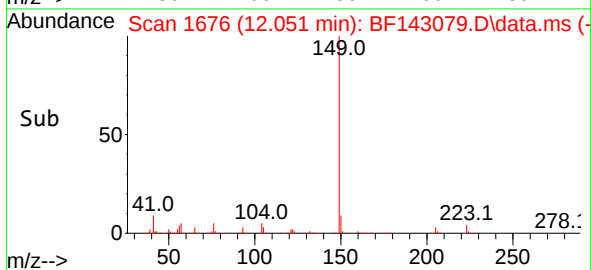
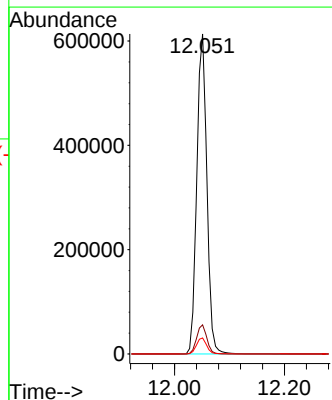
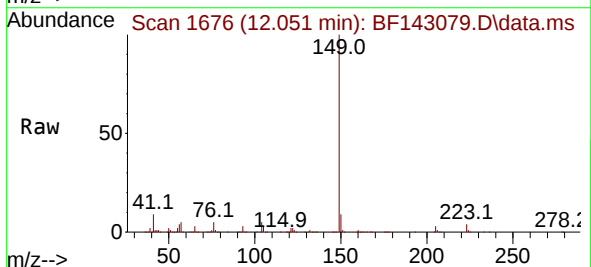
Instrument :
BNA_F
ClientSampleId :
ICVBF071125

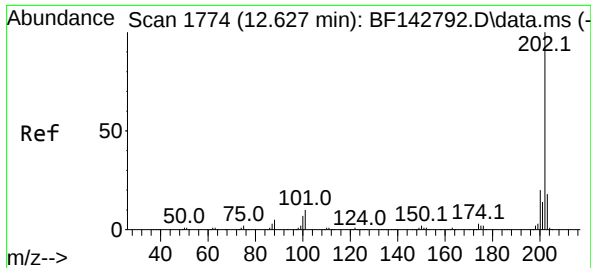
Tgt Ion:167 Resp: 699924
Ion Ratio Lower Upper
167 100
166 21.2 16.9 25.3
139 13.0 10.5 15.7



#74
Di-n-butylphthalate
Concen: 43.485 ng
RT: 12.051 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

Tgt Ion:149 Resp: 780203
Ion Ratio Lower Upper
149 100
150 9.1 7.2 10.8
104 5.0 3.9 5.9

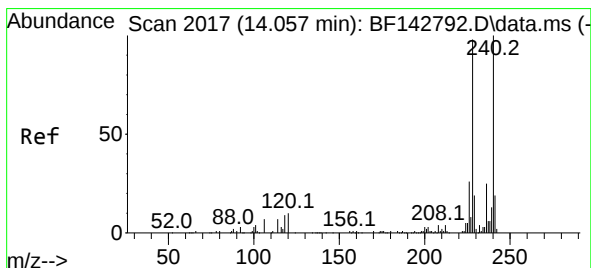
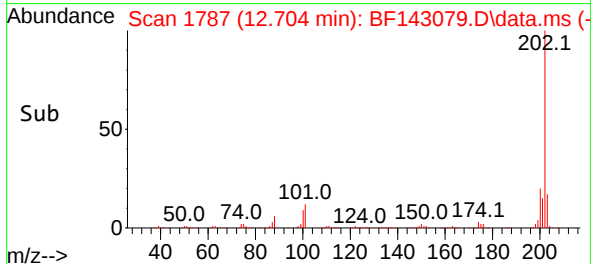
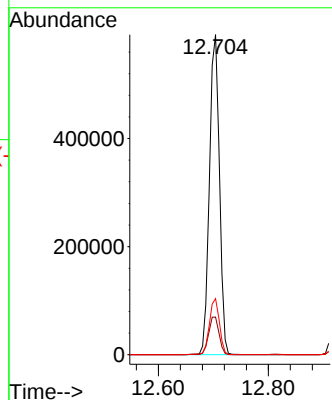
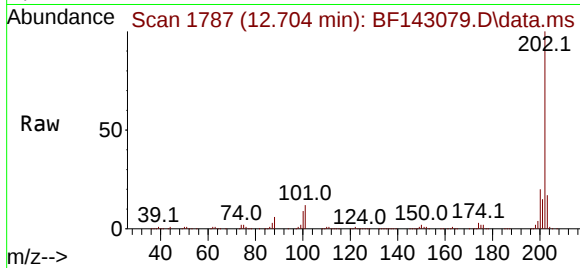




#75
Fluoranthene
Concen: 38.626 ng
RT: 12.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

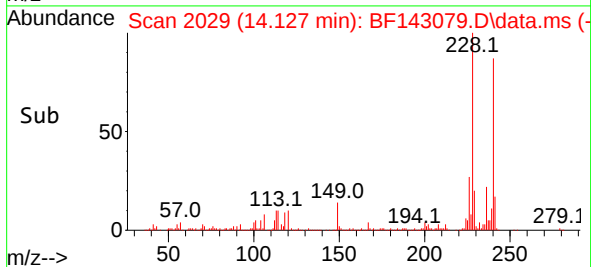
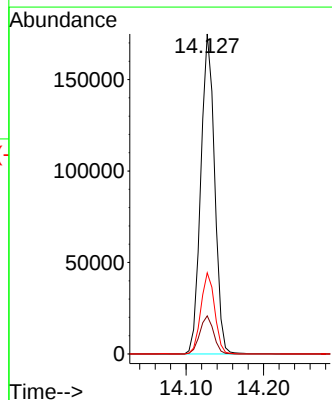
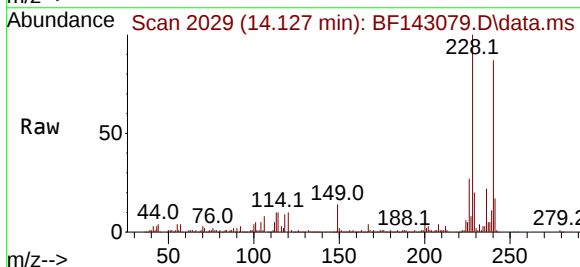
Instrument :
BNA_F
ClientSampleId :
ICVBF071125

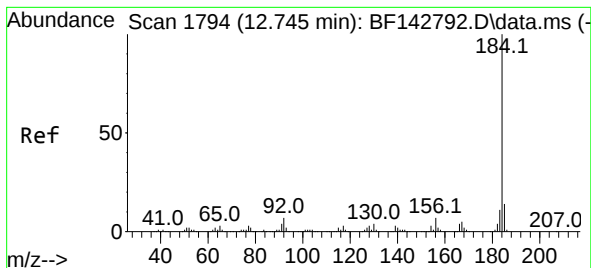
Tgt Ion:202 Resp: 746057
Ion Ratio Lower Upper
202 100
101 11.7 0.0 32.2
203 17.5 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

Tgt Ion:240 Resp: 216471
Ion Ratio Lower Upper
240 100
120 11.9 9.6 14.4
236 25.4 19.8 29.6





#77

Benzidine

Concen: 41.044 ng

RT: 12.816 min Scan# 1806

Delta R.T. 0.001 min

Lab File: BF143079.D

Acq: 11 Jul 2025 16:51

Instrument :

BNA_F

ClientSampleId :

ICVBF071125

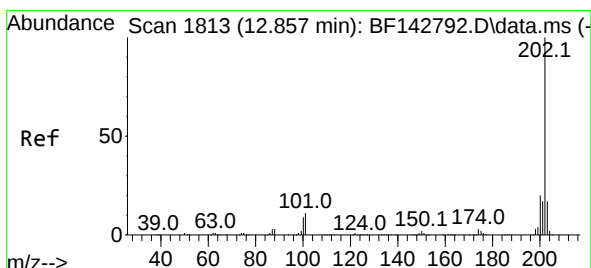
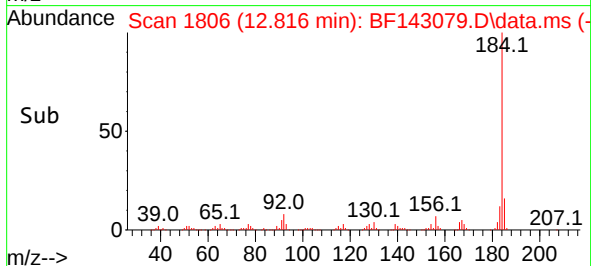
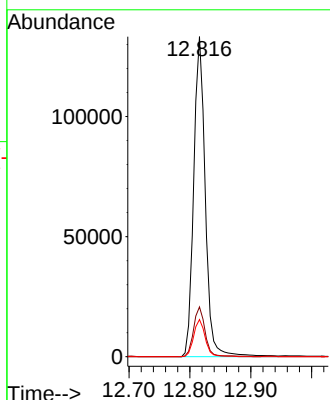
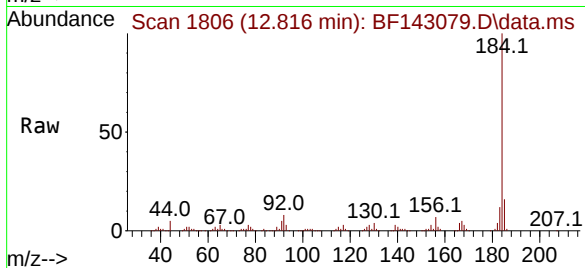
Tgt Ion:184 Resp: 176334

Ion Ratio Lower Upper

184 100

185 15.6 12.1 18.1

183 11.6 9.2 13.8



#78

Pyrene

Concen: 38.756 ng

RT: 12.933 min Scan# 1826

Delta R.T. 0.000 min

Lab File: BF143079.D

Acq: 11 Jul 2025 16:51

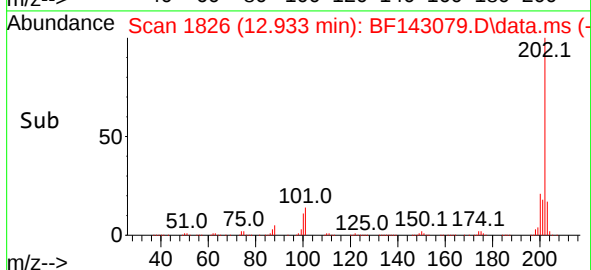
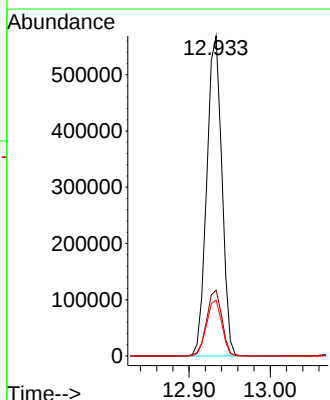
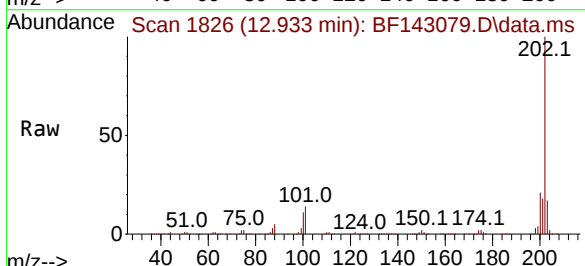
Tgt Ion:202 Resp: 732950

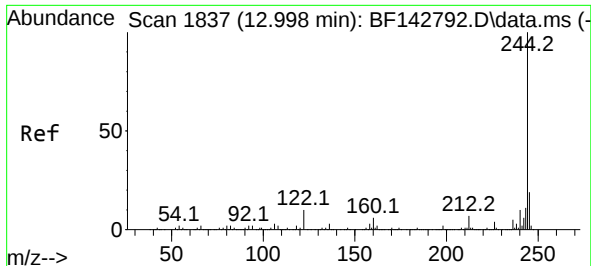
Ion Ratio Lower Upper

202 100

200 20.6 16.5 24.7

203 17.4 13.9 20.9

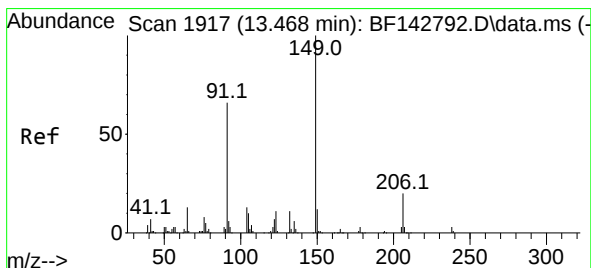
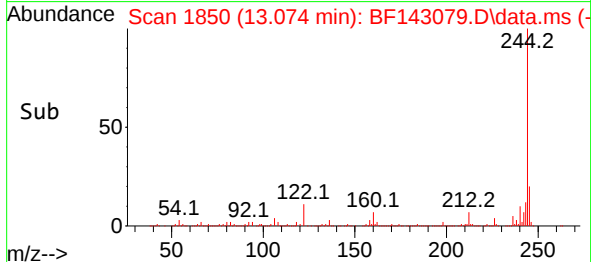
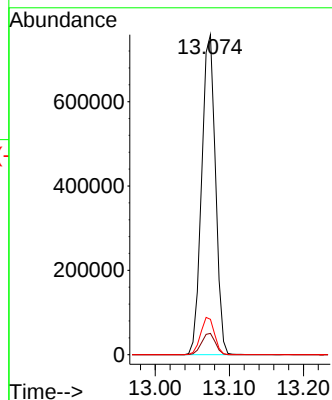
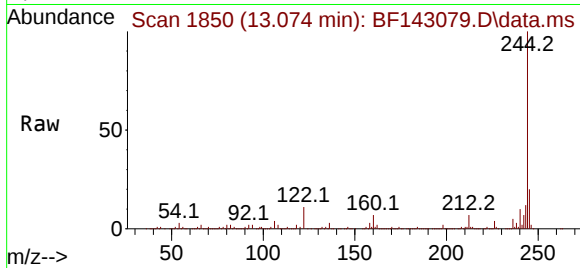




#79
 Terphenyl-d14
 Concen: 78.312 ng
 RT: 13.074 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF143079.D
 Acq: 11 Jul 2025 16:51

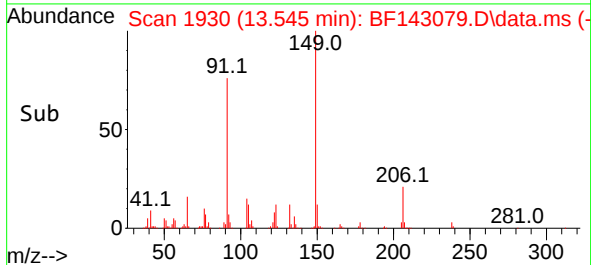
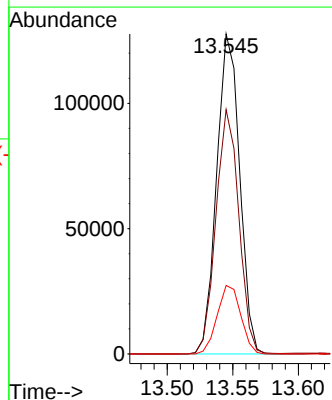
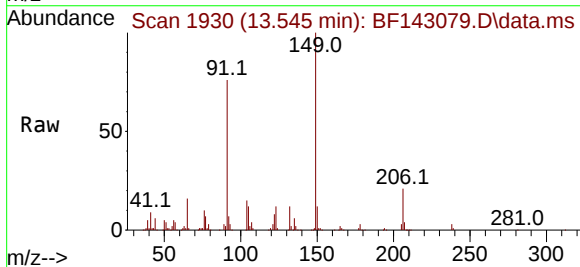
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071125

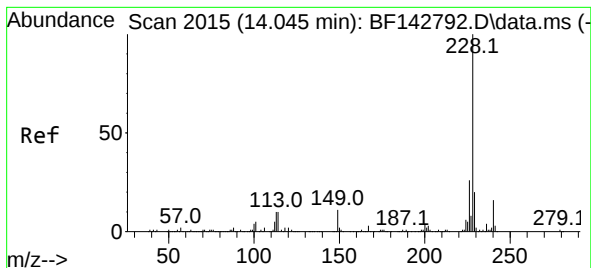
Tgt Ion:244 Resp: 981259
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.5 8.3
 122 11.0 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 42.361 ng
 RT: 13.545 min Scan# 1930
 Delta R.T. -0.000 min
 Lab File: BF143079.D
 Acq: 11 Jul 2025 16:51

Tgt Ion:149 Resp: 155660
 Ion Ratio Lower Upper
 149 100
 91 76.3 61.5 92.3
 206 21.4 16.2 24.2





#81

Benzo(a)anthracene

Concen: 39.111 ng

RT: 14.116 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143079.D

Acq: 11 Jul 2025 16:51

Instrument :

BNA_F

ClientSampleId :

ICVBF071125

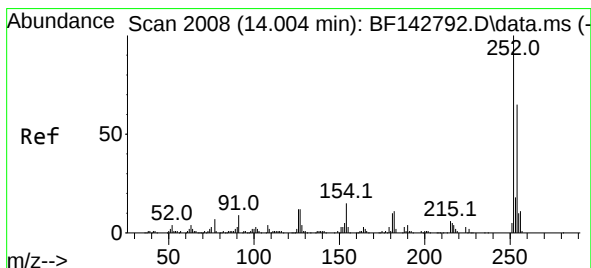
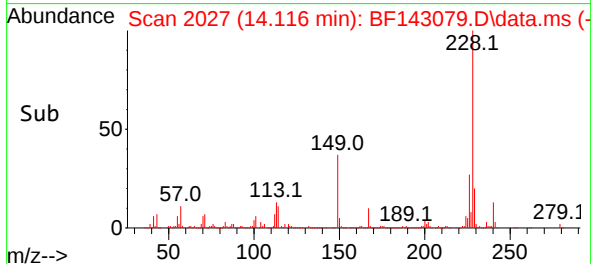
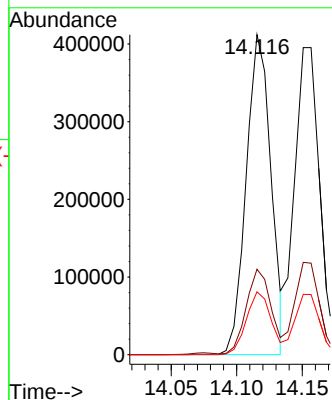
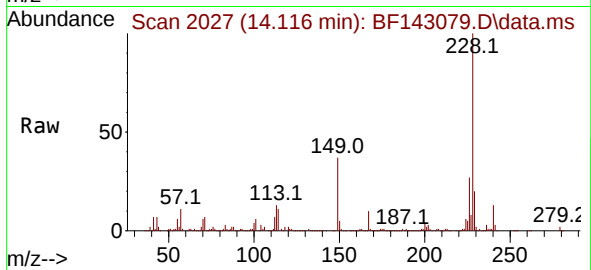
Tgt Ion:228 Resp: 541608

Ion Ratio Lower Upper

228 100

226 26.7 21.1 31.7

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 42.726 ng

RT: 14.074 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF143079.D

Acq: 11 Jul 2025 16:51

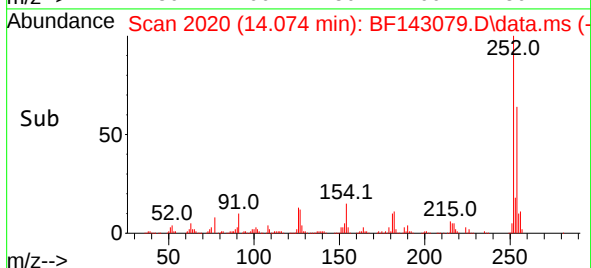
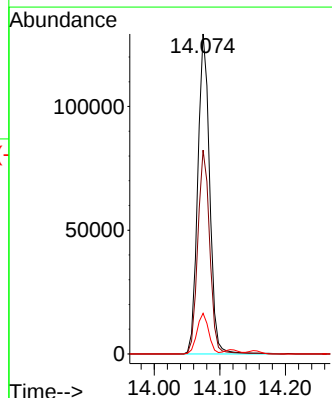
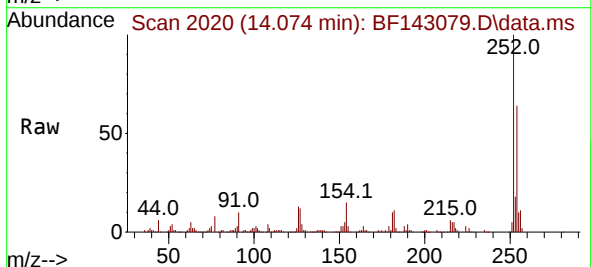
Tgt Ion:252 Resp: 163016

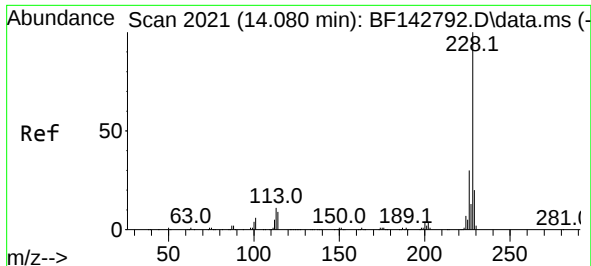
Ion Ratio Lower Upper

252 100

254 63.7 51.2 76.8

126 12.7 10.1 15.1

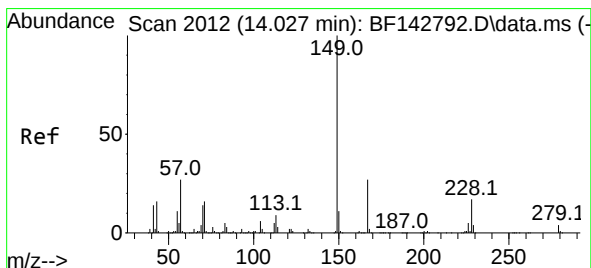
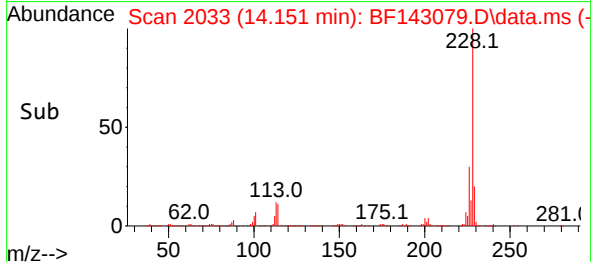
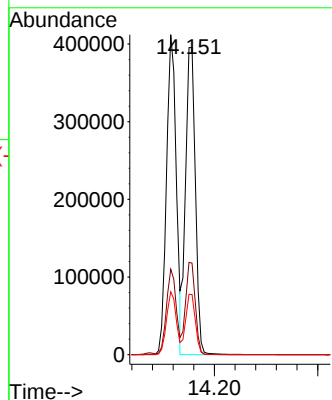
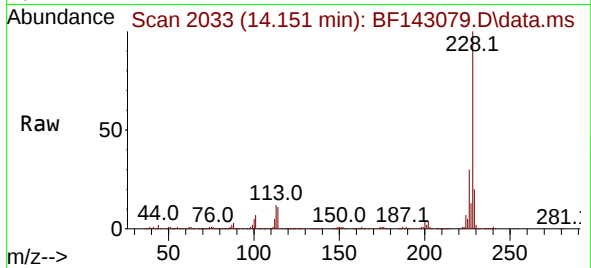




#83
Chrysene
Concen: 40.423 ng
RT: 14.151 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

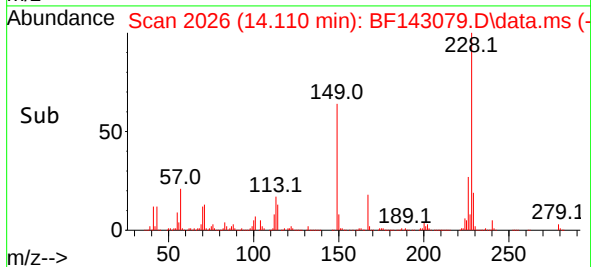
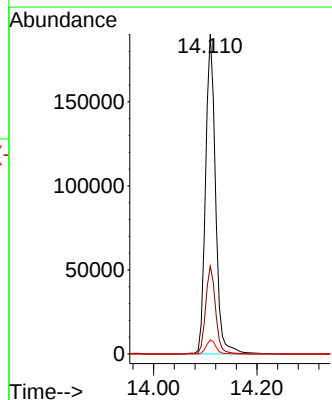
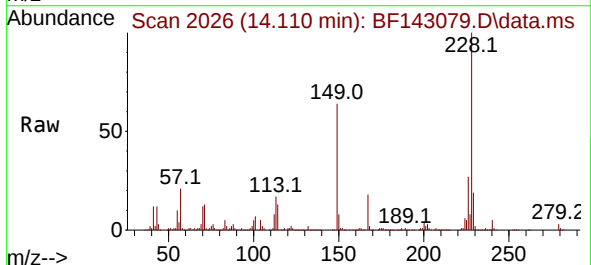
Instrument :
BNA_F
ClientSampleId :
ICVBF071125

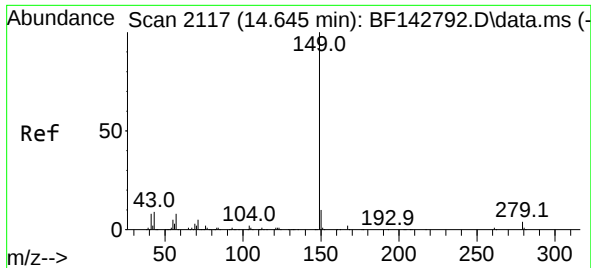
Tgt Ion:228 Resp: 524931
Ion Ratio Lower Upper
228 100
226 30.1 23.4 35.2
229 19.6 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.512 ng
RT: 14.110 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

Tgt Ion:149 Resp: 254751
Ion Ratio Lower Upper
149 100
167 27.5 21.9 32.9
279 4.4 3.5 5.3

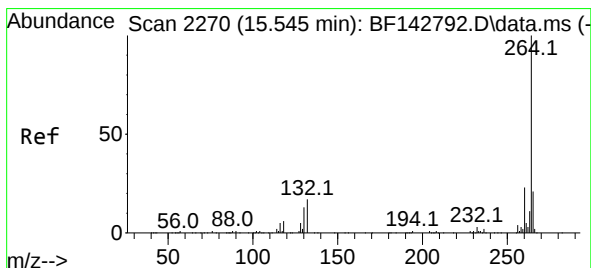
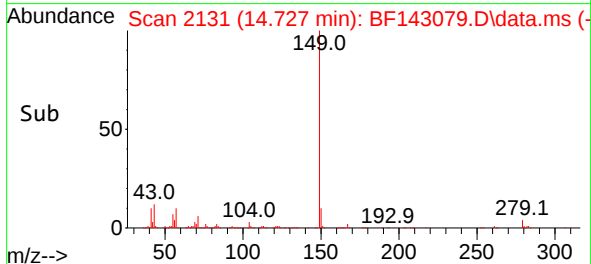
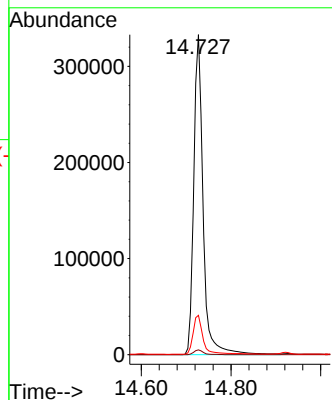
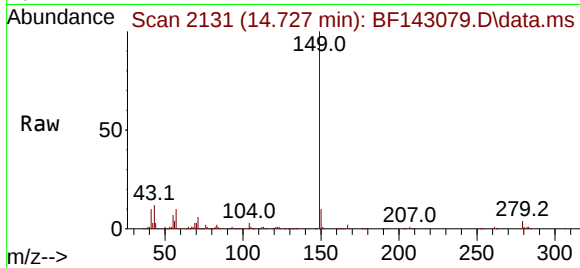




#85
Di-n-octyl phthalate
Concen: 41.856 ng
RT: 14.727 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

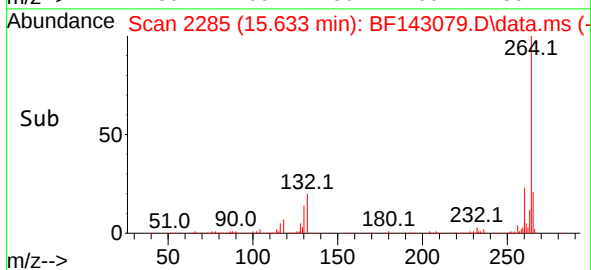
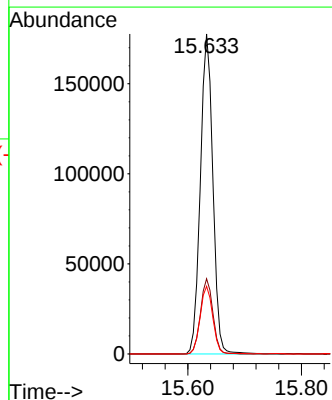
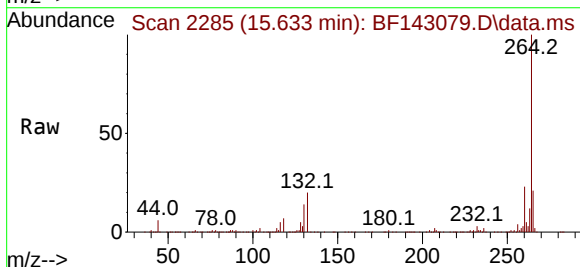
Instrument :
BNA_F
ClientSampleId :
ICVBF071125

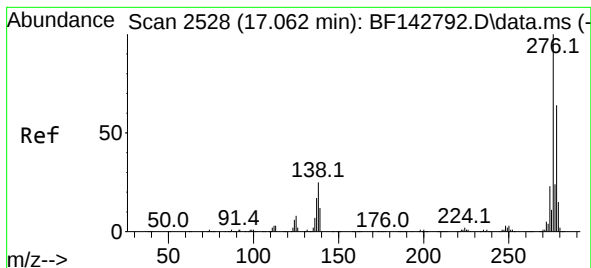
Tgt Ion:149 Resp: 482236
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 13.1 10.7 16.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BF143079.D
Acq: 11 Jul 2025 16:51

Tgt Ion:264 Resp: 272108
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 21.1 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.976 ng

RT: 17.174 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143079.D

Acq: 11 Jul 2025 16:51

Instrument :

BNA_F

ClientSampleId :

ICVBF071125

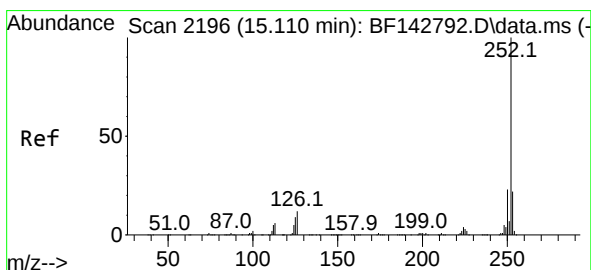
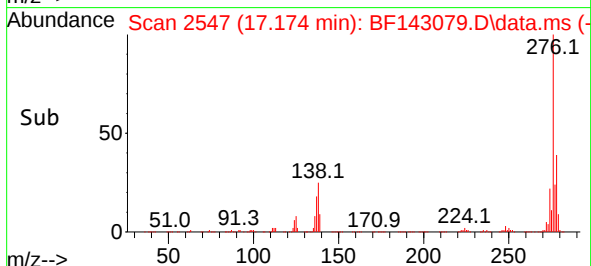
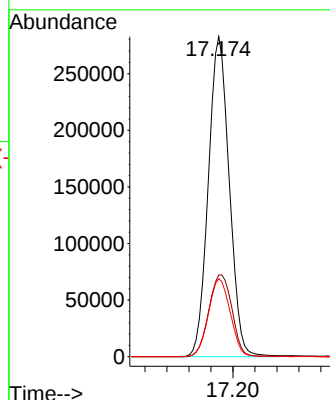
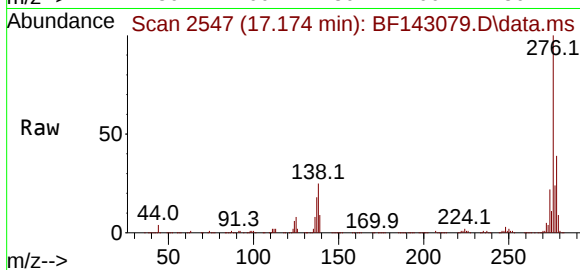
Tgt Ion:276 Resp: 747567

Ion Ratio Lower Upper

276 100

138 28.4 23.8 35.6

277 25.4 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 39.489 ng

RT: 15.186 min Scan# 2209

Delta R.T. 0.000 min

Lab File: BF143079.D

Acq: 11 Jul 2025 16:51

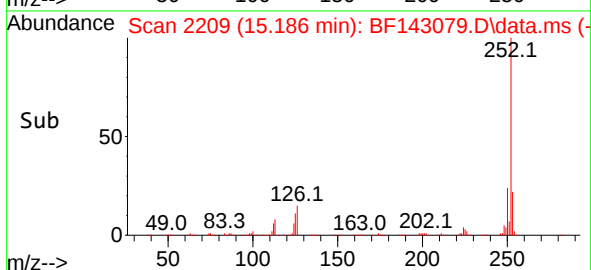
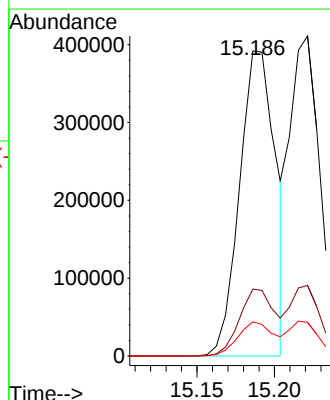
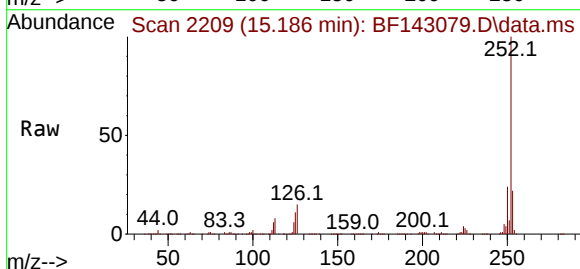
Tgt Ion:252 Resp: 632256

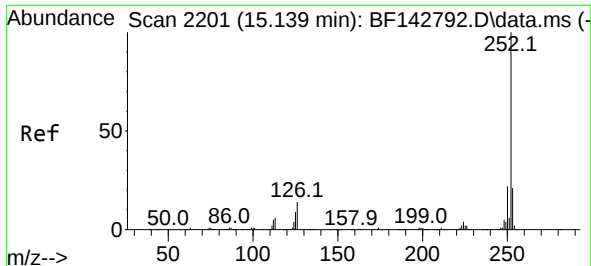
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 11.2 8.7 13.1





#89

Benzo(k)fluoranthene

Concen: 39.516 ng

RT: 15.221 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143079.D

Acq: 11 Jul 2025 16:51

Instrument :

BNA_F

ClientSampleId :

ICVBF071125

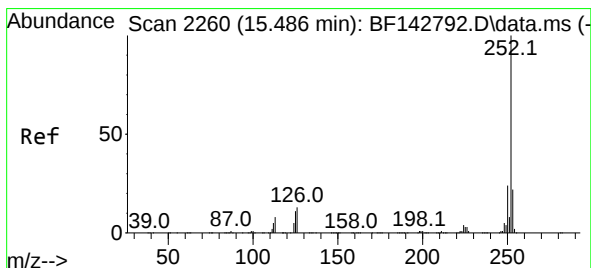
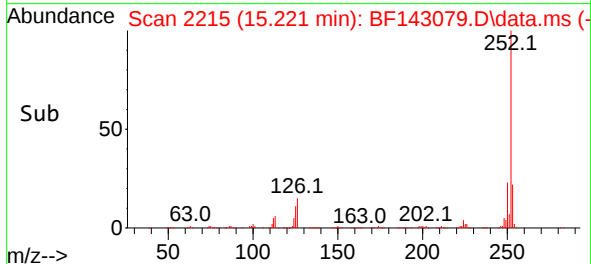
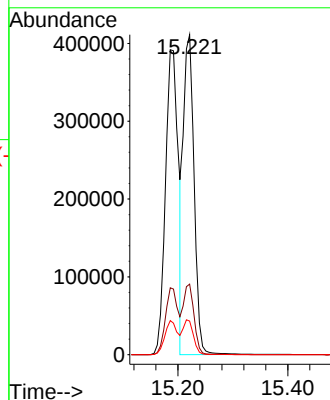
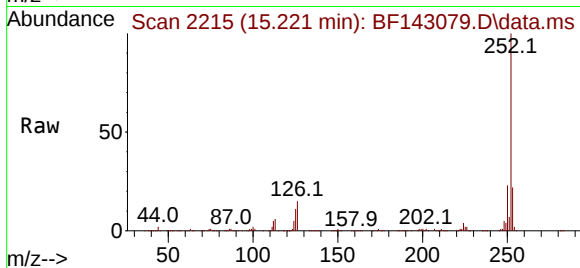
Tgt Ion:252 Resp: 558763

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 10.5 9.0 13.4



#90

Benzo(a)pyrene

Concen: 40.434 ng

RT: 15.568 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF143079.D

Acq: 11 Jul 2025 16:51

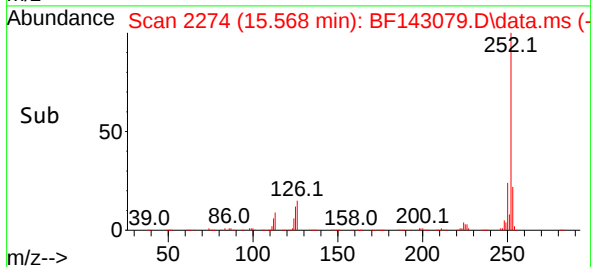
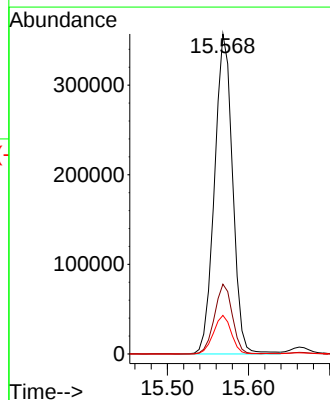
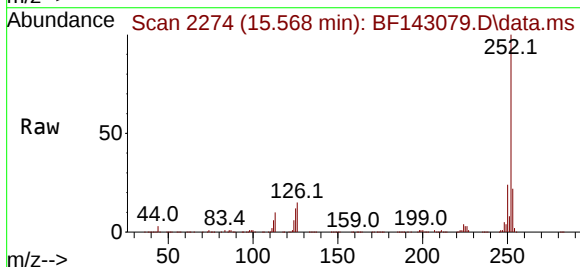
Tgt Ion:252 Resp: 553163

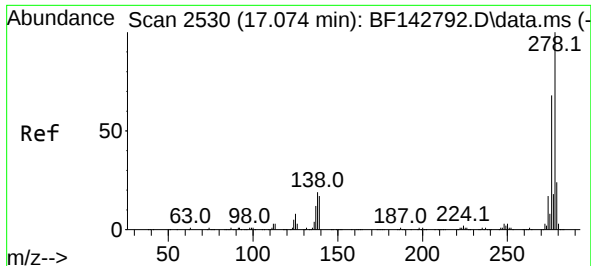
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 12.0 9.7 14.5

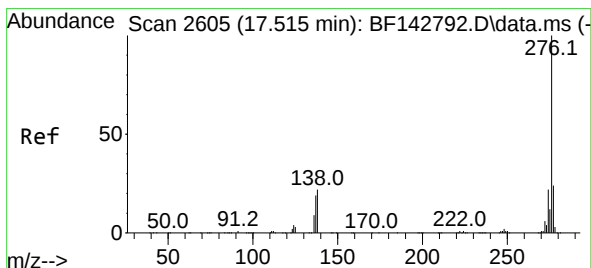
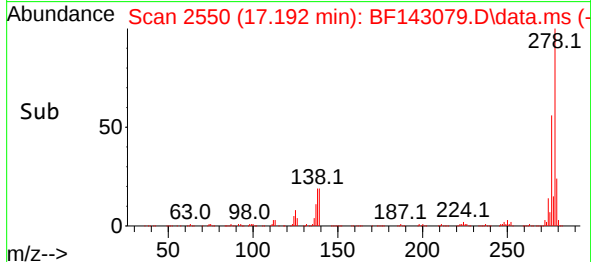
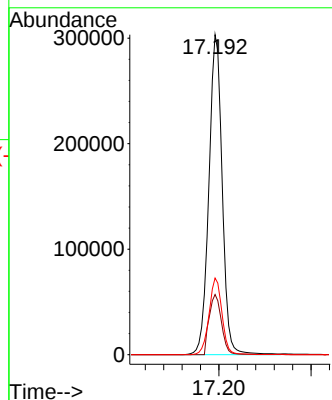
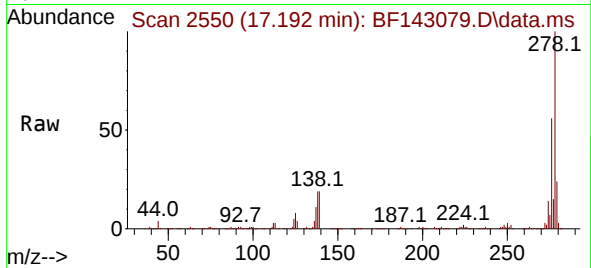




#91
 Dibenzo(a,h)anthracene
 Concen: 40.155 ng
 RT: 17.192 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF143079.D
 Acq: 11 Jul 2025 16:51

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071125

Tgt Ion:278 Resp: 613157
 Ion Ratio Lower Upper
 278 100
 139 18.8 15.0 22.6
 279 24.0 18.9 28.3



#92
 Benzo(g,h,i)perylene
 Concen: 39.055 ng
 RT: 17.639 min Scan# 2626
 Delta R.T. 0.000 min
 Lab File: BF143079.D
 Acq: 11 Jul 2025 16:51

Tgt Ion:276 Resp: 627321
 Ion Ratio Lower Upper
 276 100
 277 23.7 18.6 27.8
 138 25.8 20.5 30.7

